

IAP Cover Sheet

Version Name: Period 7

Incident Name: 2nd 80's Fire

Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

Approved By

Federal OSC:

[Signature]
K Bernhagen

Stephen Mason 3/28/2019

State OSC:

Kendra Bernhagen 3/28/19

Local OSC:

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L.B. PERRY 3-28-19

Incident Commander:

[Signature]

D.C. Wascom 3/28/19

Incident Action Plan

Notes

Period 7 IAP

2nd 80's Tank Farm









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Period: Period 7 [03/29/19 07:00 - 03/30/19 07:00]

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Weather Report				Version Name: 20190328 22:00			
Incident Name: 2nd 80's Fire				Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]			
Present Conditions							
Weather Conditions as of 03/28/2019 21:18							
deer park station id: PWS_KTXDEERP19							
Temperature: 67° Fahrenheit				Feels Like: 67° Fahrenheit			
Wind Speed: 0 mph				Dew Point: 61° Fahrenheit			
Wind Direction (from): SE				Pressure: 29.91 psi			
Visibility: mile(s)				UV Index:			
Humidity (%): 82				Sunrise: 07:13			
: Mostly Cloudy Night				Sunset: 19:36			
: Mostly Cloudy							
Current Speed:				Wave Height: feet feet			
Current Direction (to):				Wave Direction: SE			
Water Temperature: ° Fahrenheit				Swell Interval: day(s) feet			
Forecast Date							
Thu 03/28/2019		Partly Cloudy			Partly Cloudy		
		Chance of Precipitation(%): 0% Wind: 12 mph 73 F			Chance of Precipitation(%): 10% Wind: 9 mph 64 F		
Fri 03/29/2019		Mostly Cloudy with Isolated Showers			Partly Cloudy		
		Chance of Precipitation(%): 22% Wind: 12 mph 74 F			Chance of Precipitation(%): 9% Wind: 10 mph 63 F		
Sat 03/30/2019		Partly Cloudy with Scattered Storms			Mostly Cloudy with Thunderstorms Likely		
		Chance of Precipitation(%): 40% Wind: 6 mph 79 F			Chance of Precipitation(%): 49% Wind: 11 mph 51 F		
Tides							
	Tide	Height	UOM	Time	Tide Station Location		
Fri 03/29/2019	Low	0.203	feet	11:11	Lynchburg Landing, San Jacinto River, Tx Us		
	High	1.523	feet	20:08	Lynchburg Landing, San Jacinto River, Tx Us		
Sat 03/30/2019	Low	0.224	feet	12:09	Lynchburg Landing, San Jacinto River, Tx Us		
	High	1.524	feet	20:36	Lynchburg Landing, San Jacinto River, Tx Us		
Sun 03/31/2019	Low	0.251	feet	13:03	Lynchburg Landing, San Jacinto River, Tx Us		
	High	1.507	feet	20:59	Lynchburg Landing, San Jacinto River, Tx Us		
Weather Report				Prepared By Kevin Madison, Updated 03/28/2019 21:20 UTC -6:00 PP			
INCIDENT ACTION PLAN SOFTWARE™		Printed 03/28/2019 23:06 UTC -6:00		Page 3 of 105		© TRG	

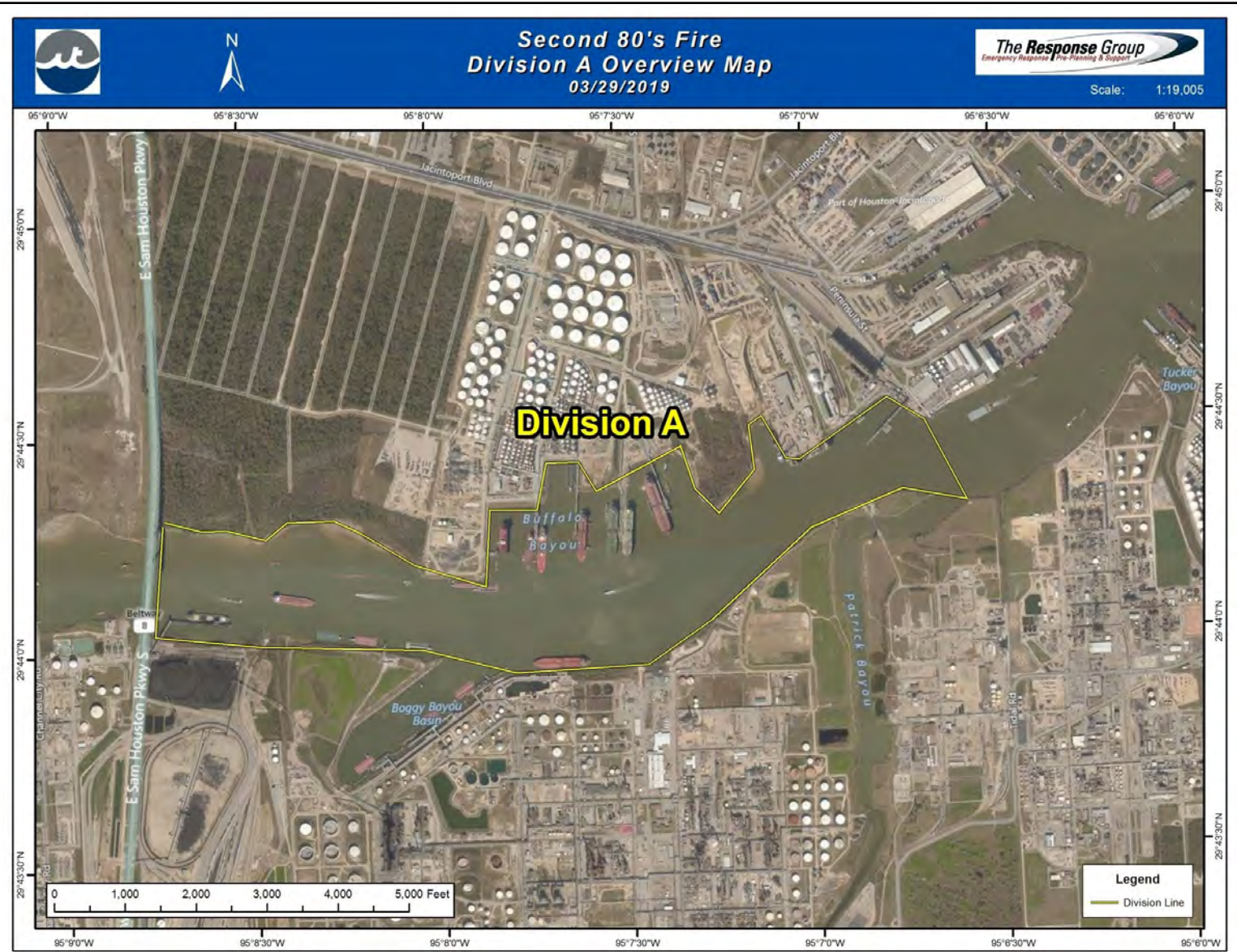
Incident Map/Sketch

20190329 Division Overview Map



Incident Map/Sketch

20190329 Division A Map



Incident Map/Sketch

20190329 Division B Map



Map/Sketch

Version Name: 20190329 Division C Map

Incident Name: 2nd 80's Fire

Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

<p align="center"><i>Incident Map/Sketch</i></p>	
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20190329 Division C Map



Map/Sketch

Prepared By Planning, Updated 03/28/2019 19:50 UTC -6:00 PP

Incident Map/Sketch

20190329 Division D Map



Map/Sketch

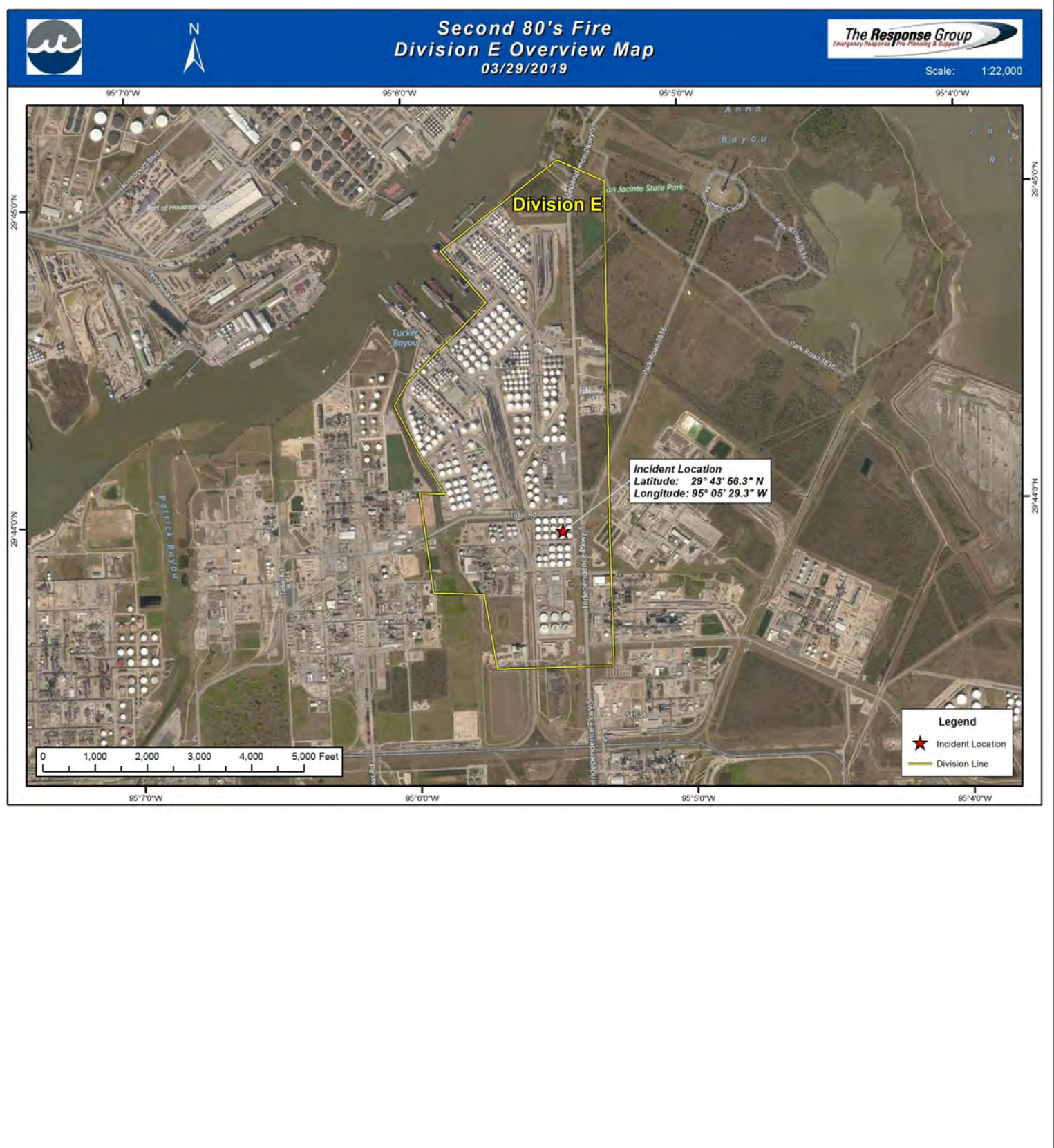
Version Name: 20190329 Division E Map

Incident Name: 2nd 80's Fire

Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

<p align="center"><i>Incident Map/Sketch</i></p>	
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20190329 Division E Map



Map/Sketch

Prepared By Planning, Updated 03/28/2019 19:54 UTC -6:00 PP

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Incident Map/Sketch

20190329 Decon Map



ICS 202 - Incident Objectives		Version Name: Period 7	
Incident Name: 2nd 80's Fire		Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Objective(s)			
Ensure the Safety of the Public and Response Personnel.			
Opening of Independence Parkway to Limited Traffic Flow			
Maximize the Protection of Public Health and Welfare.			
Maximize Protection of Environmentally and Socially Sensitive Areas.			
Monitor, Recover, and Rehabilitate Impacted Wildlife			
Maintain Fire Suppression Activities to Prevent Re-ignition and Suppress Vapor. Continue Assessing Risk in Tank Area for Site Stabilization.			
Continue Execution of Water and Product Removal Plan.			
Minimize Further Release of Product from the Facility.			
Contain and Recover Spilled Material.			
Prevent Further Impacts to Maritime Transportation.			
Ensure Port Recovery and Restoration.			
Keep the Public, Stakeholders and the Media Informed of Response and Recovery Activities.			
Operational Period Command Emphasis (Safety Message, Priorities, Key Decisions/Directions)			
<p>Safety is the number one priority. All responders have "Stop Work Authority." Report any unsafe acts or situation to your supervisor immediately.</p>			
ICS 202 - Incident Objectives		Prepared By Planning Section, Updated 03/28/2019 08:27 UTC -6: PP	
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ICS 204 - Assignment List			Division: Division A	
Incident Name: 2nd 80's Fire			Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift
Water Operations Branch Director	McLelland, Reid	ITC	281-838-7567	Day Shift
Water Operations Branch Director	Young, Kevin	ITC	281-786-9383	Night Shift
Water Operations Branch Director	Carroll, Amos	USCG	(832) 256-3265	Day Shift
Water Operations Branch Director	Swanney, Kyle	USCG	(832) 256-7210	Night Shift
Division A Supervisor	Ward, Taylor	USCG	251-300-4189	Day Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Division A	Boom	Boom (18")	4200	
Division A	Work Barge	Barge Boat	11	
Division A	Skimming Vessel	Small Capacity Skimming Vessel	10	
Division A	Safety Personnel	Air Monitoring Personnel	1	
Division A	Work Boat	Work Boat	14	
Division A	Boat Operator	Boat Operator	35	
Division A	Spill Tech	Spill Tech	66	
Division A	Vacuum Truck 130 bbl	Vacuum Truck 130 bbl	5	
Division A	Vacuum Truck 70 bbl	Vacuum Truck 70 bbl	5	
Division A	Weir Skimmer	Weir Skimmer	10	
Division A	Hose/Accessories	Duckbill	10	
Division A	Small Vessel Skimming Package	Small Vessel Skimming Package (Drum Skimmer, Air C	10	
Division A	Anchors	Anchors	15	
Division A	Portable Tank	Portable Tank	10	
ICS 204 - Assignment List			Updated 03/28/2019 15:10 UTC -6:00	
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ICS 204 - Assignment List		Division: Division A	
Incident Name: 2nd 80's Fire		Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Assignments			
<p>As directed, conduct booming and recovery operations in Division A.</p> <p>Maintain diversion booms off of Shell (Site #1) and Stolthaven (Site #2), Stolthaven (Site #3), near Patrick Bayou (Site #4) docks. Based on changing weather conditions, be prepared to adjust containment & recovery tactics as necessary.</p> <p>OPBD will direct skimming assets throughout Division as needed.</p> <p>- PROTECTION -</p> <p>Maintain boom to protect water intakes and environmentally sensitive areas in coordination with Division Supervisor and Environmental Unit Leader. Deploy additional GRPs as needed.</p> <p>54-B Patrick Bayou 54-C Drainage Ditch</p> <p>- RECOVERY -</p> <p>Small capacity skimming vessels to utilize support vessels equipped with totes to offload product.</p> <p>Vacuum Trucks will be offloaded at KSolv facility.</p>			
Communications			
Name / Function		Contact Details	
Marine - USCG OPS / Tactical		Marine - USCG OPS 81A	
Marine - Hailing and Emergency / All		Marine - Hailing and Emergency 16	
Marine - OMI-On-water OPS / Tactical		Marine - OMI-On-water OPS 67	
Operations/Safety/Incident Command / Operations		Operations/Safety/Incident Command 15	
Special Environmental Considerations			
<p>Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.</p> <p>Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.</p> <p>Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.</p>			
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ICS 204 - Assignment List		Division: Division A	
Incident Name: 2nd 80's Fire		Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
<p align="center">Special Site-Specific Safety Considerations</p> <p>Watch pinch points. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls. Don PFD's when working within 3 ft of the waters edge, open water or onboard a vessel.</p> <p>Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.</p> <p>Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than 0.5 ppm, evacuate the area, report to supervisor and Mike Gaudet (281-787-8256) or Mike Taylor (281) 667-1771 on Night Shift. If available don Full-Face respirator with organic cartridge prior reentry. If Benzene level reaches 25ppm or above, evacuate the area and notify Mike Gaudet. Do not reenter without donning a supplied air respirator.</p> <p>All equipment and personnel must be decontaminated prior to leaving the hot zone.</p> <p>Action Levels for Benzene:</p> <p>>0.5 ppm - Don full face APR</p> <p>>25 ppm - Supplied air; must change APR cartridges to prevent breakthrough every 4 hours.</p> <p>Report any LEL detection (delineate area).</p> <p>Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@item.com or Phone: 832-493-8041</p>			
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ICS 204 - Assignment List			Division: Division B	
Incident Name: 2nd 80's Fire			Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift
Water Operations Branch Director	McLelland, Reid	ITC	281-838-7567	Day Shift
Water Operations Branch Director	Young, Kevin	ITC	281-786-9383	Night Shift
Water Operations Branch Director	Carroll, Amos	USCG	(832) 256-3265	Day Shift
Water Operations Branch Director	Swanney, Kyle	USCG	(832) 256-7210	Night Shift
Division B Supervisor	Livingston, Gregory	USCG	860-857-4997	Day Shift
Division B Supervisor	Osborne, Scott	ITC	903-391-4831	Day Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Division B	Boom	Boom (18")	4000	
Division B	Work Barge	Barge Boat	19	
Division B	Skimming Vessel	Small Capacity Skimming Vessel	10	
Division B	Safety Personnel	Air Monitoring Personnel	56	
Division B	Fire Boat	Fire Boat	1	
Division B	Work Boat	Work Boat	21	
Division B	OSRV	OSRV	2	
Division B	Boat Operator	Boat Operator	56	
Division B	Spill Tech	Spill Tech	137	
Division B	Shallow Water Barge (SWB)	Shallow Water Barge (SWB) with Skimmers	6	
Division B	Offshore Boom	Offshore Boom	2640	67 inch (es)
Division B	Vacuum Truck 130 bbl	Vacuum Truck 130 bbl	10	
Division B	Vacuum Truck 70 bbl	Vacuum Truck 70 bbl	5	
Division B	Weir Skimmer	Weir Skimmer	10	
Division B	Small Vessel Skimming Package	Small Vessel Skimming Package (Drum Skimmer, Air C	10	
Division B	Anchors	Anchors	20	
Division B	Portable Tank	Portable Tank	10	
Division B	Storage Barge (Inland)	Storage Barge (Inland)	1	
Division B	42" Harbor Boom	42" Harbor Boom	4500	
Division B	Drum Skimmer	Drum Skimmer	10	
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ICS 204 - Assignment List			Division: Division B	
Incident Name: 2nd 80's Fire			Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Division B	Belt Skimmer	Marco Skimmer	16	
Assignments				
<p>- PROTECTION -</p> <p>Deploy & Maintain Patrick's Bayou entrance J Boom (Site #1). Anchor boom at San Jacinto Port (Site#4). Maintain and delploy addition boom as needed at Tucker's Bayou and ITC slips.</p> <p>Continue to maintain boom to protect water intakes and environmentally sensitive areas in coordination with Division Supervisor and Environmental Unit Leader. Deploy additional GRPs as needed. Deploy boom to continue pushing oil back towards the south side of the docks and back into Tucker Bayou. Maintain boom specifically at San Jacinto Port.</p> <p>Conduct additional booming operations as needed.</p> <p>Maintain 67" offshore boom (2640') at mouth of Tucker Bayou and ITC slips.</p> <p>40-J Carpenters Bayou 40-K Battleship 40-I Entrance to Old River</p> <p>- RECOVERY -</p> <p>-San Jacinto Port-</p> <p>At Site #6 utilize assigned (5) Marcos and (10) Vacuum Trucks 130 bbls. At Site #7 use (3) Marco skimmers to recover pocketed oil. Continue sourcing tank barge for recovery storage capacity.</p> <p>In coordination with air operations, crews to conduct on water recovery operations using boom, vessels, skimmers and barges along the Ship Channel as necessary.</p> <p>OPBD will coordinate large capacity skimming vessels as needed. 24/Hr skimming operations will be conducted by large capacity skimming vessels.</p> <p>From Patrick's Bayou to entrance of Tucker's Bayou, conduct recovery opertions utilizing (4) Marco Skimmers, (10) Small Vessel Skimming Package vessels</p> <p>- Tucker's Bayou/ITC Docks –</p> <p>MSRC will recover product with (4) Marco Skimmers, (3) GT185 skimmers, (3) Queensboro Skimmers, and (6) Shallow water barges, or in other locations as directed by USCG.</p> <p>(Coordinate this portion of Operations with Division E) NRC will recover product utilizing (9) foilex skimmers and (20) vacuum trucks at ITC Dock.</p> <p>Small capacity skimming vessels to utilize support vessels equipped with totes to offload product.</p> <p>*(1) 30k bbl storage barge will be used to offload product recovered from Divisions A & B.*</p> <p>Vacuum Trucks will be offloaded at KSolv facility.</p>				
Communications				
Name / Function		Contact Details		
Marine - USCG OPS / Tactical		Marine - USCG OPS 81A		
Marine - Hailing and Emergency / All		Marine - Hailing and Emergency 16		
Marine - OMI-On-water OPS / Tactical		Marine - OMI-On-water OPS 67		
Operations/Safety/Incident Command / Operations		Operations/Safety/Incident Command 15		
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ICS 204 - Assignment List		Division: Division B	
Incident Name: 2nd 80's Fire		Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Special Equipment / Supplies Needed for Assignment			
Utilize Viscous Sweep & Sorbent Boom as needed.			
Special Environmental Considerations			
Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.			
Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.			
Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.			
Special Site-Specific Safety Considerations			
Watch pinch points. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls. Don PFD's when working within 3 ft of the waters edge, open water or onboard a vessel.			
Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.			
Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than 0.5 ppm, evacuate the area, report to supervisor and Mike Gaudet (281-787-8256) or Mike Taylor (281) 667-1771 on Night Shift. If available don Full-Face respirator with organic cartridge prior reentry. If Benzene level reaches 25ppm or above, evacuate the area and notify Mike Gaudet. Do not reenter without donning a supplied air respirator.			
All equipment and personnel must be decontaminated prior to leaving the hot zone.			
Action Levels for Benzene:			
>0.5 ppm - Don full face APR			
>25 ppm - Supplied air; must change APR cartridges to prevent breakthrough every 4 hours.			
Report any LEL detection (delineate area).			
Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@item.com or Phone: 832-493-8041			
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ICS 204 - Assignment List			Division: Division C	
Incident Name: 2nd 80's Fire			Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift
Water Operations Branch Director	McLelland, Reid	ITC	281-838-7567	Day Shift
Water Operations Branch Director	Young, Kevin	ITC	281-786-9383	Night Shift
Water Operations Branch Director	Carroll, Amos	USCG	(832) 256-3265	Day Shift
Water Operations Branch Director	Swanney, Kyle	USCG	(832) 256-7210	Night Shift
Division C Supervisor	Kyser, Christopher	USCG	713-204-6978	Day Shift
Division C Supervisor	Anderson, Byron	ITC	832-466-6646	Day Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Division C	Boom	Boom (18")	6000	
Division C	Work Barge	Barge Boat	10	
Division C	Skimming Vessel	Small Capacity Skimming Vessel	10	
Division C	Safety Personnel	Air Monitoring Personnel	30	
Division C	Work Boat	Work Boat	15	
Division C	Boat Operator	Boat Operator	42	
Division C	Spill Tech	Spill Tech	80	
Division C	Shallow Water Barge (SWB)	Shallow Water Barge (SWB) with Skimmers	1	
Division C	Vacuum Truck 130 bbl	Vacuum Truck 130 bbl	20	
Division C	Storage Barge (Inland)	Storage Barge (Inland)	1	
Division C	Belt Skimmer	Marco Skimmer	16	
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ICS 204 - Assignment List		Division: Division C	
Incident Name: 2nd 80's Fire		Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Assignments			
<p>- PROTECTION -</p> <p>Continue to deploy and maintain hard boom to contain oil as directed. Continue to line hard boom with sweep as directed.</p> <p>Assess and deploy boom as directed in Hog Island area.</p> <p>Move/Maintain boom across San Jacinto river at Lynchburg Ferry & Monument side. Open boom prior to ship traffic at 0730 HRS and close after stoppage of ship traffic at 19:30.</p> <p>Utilize hard boom to contain pockets of oil in Carpenter's Bayou as directed, and line with sweep.</p> <p>Maintain boom at Cemex dock.</p> <p>Maintain and deploy boom in Division C as directed by Division Supervisor to protect water intakes and environmentally sensitive areas in coordination with Division Supervisor and Environmental Unit Leader. Deploy additional GRPs as needed.</p> <p>40-L Entrance to San Jacinto River 40-F San Jacinto River Marsh 40-G Burnet Bay Marsh</p>			
<p>- RECOVERY -</p> <p>Utilize (8) Marco Skimmers to recover oil at mouth of Old River and into Old river fleeting area as directed.</p> <p>Utilize (8) Marco Skimmers in Carpenters bayou as directed. Utilize (10) Vacuum Trucks in Carpenter's Bayou as directed.</p> <p>Small capacity skimming vessels to utilize (10) vacuum trucks staged at Independence Parkway/ West Landing of Lynchburg Ferry and KSolv facility to offload recovered product.</p> <p>OPBD will direct skimming assets throughout Division as needed.</p> <p>(1) 30k bbl storage barge will be used to offload product recovered from Divisions C & D.</p> <p>Vacuum Trucks will be offloaded at KSolv facility.</p>			
Communications			
Name / Function		Contact Details	
Marine - USCG OPS / Tactical		Marine - USCG OPS 81A	
Marine - Hailing and Emergency / All		Marine - Hailing and Emergency 16	
Marine - OMI-On-water OPS / Tactical		Marine - OMI-On-water OPS 67	
Operations/Safety/Incident Command / Operations		Operations/Safety/Incident Command 15	
Special Equipment / Supplies Needed for Assignment			
Utilize Viscous Sweep & Sorbent Boom as needed.			
Special Environmental Considerations			
Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.			
Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.			
Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.			
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ICS 204 - Assignment List		Division: Division C	
Incident Name: 2nd 80's Fire		Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
<p align="center">Special Site-Specific Safety Considerations</p>			
<p>Watch pinch points. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls. Don PFD's when working within 3 ft of the waters edge, open water or onboard a vessel.</p> <p>Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.</p> <p>Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than 0.5 ppm, evacuate the area, report to supervisor and Mike Gaudet (281-787-8256) or Mike Taylor (281) 667-1771 on Night Shift. If available don Full-Face respirator with organic cartridge prior reentry. If Benzene level reaches 25ppm or above, evacuate the area and notify Mike Gaudet. Do not reenter without donning a supplied air respirator.</p> <p>All equipment and personnel must be decontaminated prior to leaving the hot zone.</p> <p>Action Levels for Benzene:</p> <p>>0.5 ppm - Don full face APR</p> <p>>25 ppm - Supplied air; must change APR cartridges to prevent breakthrough every 4 hours.</p> <p>Report any LEL detection (delineate area).</p> <p>Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@item.com or Phone: 832-493-8041</p>			
<div style="height: 400px;"></div>			
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ICS 204 - Assignment List			Division: Division D	
Incident Name: 2nd 80's Fire			Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift
Water Operations Branch Director	McLelland, Reid	ITC	281-838-7567	Day Shift
Water Operations Branch Director	Young, Kevin	ITC	281-786-9383	Night Shift
Water Operations Branch Director	Carroll, Amos	USCG	(832) 256-3265	Day Shift
Water Operations Branch Director	Swanney, Kyle	USCG	(832) 256-7210	Night Shift
Division D Supervisor	Myers, Janmichael	USCG	630-390-8615	Day Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Division D	Boom	Boom (18")	4000	
Division D	Work Barge	Barge Boat	12	
Division D	Skimming Vessel	Small Capacity Skimming Vessel	2	
Division D	Safety Personnel	Air Monitoring Personnel	1	
Division D	Work Boat	Work Boat	6	
Division D	Boat Operator	Boat Operator	20	
Division D	Spill Tech	Spill Tech	46	
Division D	Vacuum Truck 130 bbl	Vacuum Truck 130 bbl	3	
Division D	Small Vessel Skimming Package	Small Vessel Skimming Package (Drum Skimmer, Air C	10	
Division D	Anchors	Anchors	15	
Division D	Portable Tank	Portable Tank	10	
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ICS 204 - Assignment List		Division: Division D	
Incident Name: 2nd 80's Fire		Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Assignments			
<p>- PROTECTION -</p> <p>Continue to deploy and maintain hard boom to contain oil as directed. Continue to line hard boom with sweep as directed. Utilize (1) airboat to deploy hard boom and sweep at the mouth of the Santa Anna Bayou. Adjust diversion boom at Bostco to angle further to the East. Contain pocket of product inside boom at Bostco. Place hard boom from Monument Inn Southeast to protect the Sandy shore.</p> <p>Deploy and maintain boom to protect water intakes and environmentally sensitive areas in coordination with Division Supervisor and Environmental Unit Leader. Deploy additional GRPs as needed.</p> <p>40-M Baytown Nature Center 54-D San Jacinto Battleground State Park 54-N Baytown Nature Center TPW-1 St. Mary's Beach</p> <p>- RECOVERY -</p> <p>Line deployed hard boom with sweep.</p> <p>Small capacity skimming vessels to utilize support vessels equipped with totes to offload product.</p> <p>OPBD will direct skimming assets throughout Division as needed.</p> <p>Vacuum Trucks will be offloaded at KSolv facility.</p>			
Communications			
Name / Function		Contact Details	
Marine - USCG OPS / Tactical		Marine - USCG OPS 81A	
Marine - Hailing and Emergency / All		Marine - Hailing and Emergency 16	
Marine - OMI-On-water OPS / Tactical		Marine - OMI-On-water OPS 67	
Operations/Safety/Incident Command / Operations		Operations/Safety/Incident Command 15	
Special Equipment / Supplies Needed for Assignment			
Utilize Viscous Sweep & Sorbent Boom as needed.			
Special Environmental Considerations			
Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.			
Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.			
Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.			
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ICS 204 - Assignment List		Division: Division D	
Incident Name: 2nd 80's Fire		Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
<p align="center">Special Site-Specific Safety Considerations</p> <p>Watch pinch points. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls. Don PFD's when working within 3 ft of the waters edge, open water or onboard a vessel.</p> <p>Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.</p> <p>Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than 0.5 ppm, evacuate the area, report to supervisor and Mike Gaudet (281-787-8256) or Mike Taylor (281) 667-1771 on Night Shift. If available don Full-Face respirator with organic cartridge prior reentry. If Benzene level reaches 25ppm or above, evacuate the area and notify Mike Gaudet. Do not reenter without donning a supplied air respirator.</p> <p>All equipment and personnel must be decontaminated prior to leaving the hot zone.</p> <p>Action Levels for Benzene:</p> <p>>0.5 ppm - Don full face APR</p> <p>>25 ppm - Supplied air; must change APR cartridges to prevent breakthrough every 4 hours.</p> <p>Report any LEL detection (delineate area).</p> <p>Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@item.com or Phone: 832-493-8041</p>			
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ICS 204 - Assignment List			Group: Decon Group	
Incident Name: 2nd 80's Fire			Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift
Water Operations Branch Director	McLelland, Reid	ITC	281-838-7567	Day Shift
Water Operations Branch Director	Young, Kevin	ITC	281-786-9383	Night Shift
Water Operations Branch Director	Carroll, Amos	USCG	(832) 256-3265	Day Shift
Water Operations Branch Director	Swanney, Kyle	USCG	(832) 256-7210	Night Shift
Mobile Decon Group Supervisor	Ruff, Zach	USCG	614-795-1689	Day Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Decon Group	Vessel	Barge Boat	20	
Decon Group	Work Boat	Work Boat	20	
Decon Group	Boat Operator	Boat Operator	32	
Decon Group	Decon Personnel	Decon Personnel	105	
Decon Group	Boom	Boom	9000	18 inch (es)
Decon Group	Sorbent: Boom	Sorbent: Boom	9000	
Decon Group	Hot Water Pressure Washer	Hot Water Pressure Washer	15	
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ICS 204 - Assignment List		Group: Decon Group	
Incident Name: 2nd 80's Fire		Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Assignments			
<p>Outfit, maintain, and continue to identify additional decon sites as required. Spot check teams will conduct assessment of level of contamination and direct contaminated vessels to decon site. Coordinate with MTSRU to prioritize vessels for decon. Vessel inspection team advise VTS via 21A on all ship (piloted vessels) statuses, transitting through zone and then follow-up and notify Decon Group Supervisor. Advise VTS of any tows needed decontamination. Decon operations to be conducted per the approved Decontamination Plan.</p> <p>Decon Sites: Shell Deer Park South of Lynchberg Barbours Point / Lash docks, Enterprise dock 7 & LBC dock 4 Southwest Shipyard ITC Pasadena Kirby Cleaning facility (Carpenters Bayou)</p> <p>**Assess and work logistics for Channel Ship Yard (San Jac.) & Old River Kirby (Old River) as potential decon sites.**</p> <p>Vessels will be decontaminated after containment boom is deployed after lashing and securing the vessel. Sorbent material (pads & boom) will be used to recover any residual product/runoff from the decon operation.</p> <p>(6) Decon Teams will be deployed, (1) to each site, and each Decon Team will consist of: (1) Response Boat (2) Barges for washdown (14) Decon technicians</p> <p>All waste generated during equipment decontamination will be handled in accordance with Federal, State, and Local regulations.</p>			
Special Instructions			
USCG Decon Examiner will complete the Decontamination Form for each vessel. Turn in all completed forms to the Decon Group Supervisor at the end of each shift.			
Communications			
Name / Function		Contact Details	
Marine - USCG OPS / Tactical		Marine - USCG OPS 81A	
Marine - Hailing and Emergency / All		Marine - Hailing and Emergency 16	
Marine - OMI-On-water OPS / Tactical		Marine - OMI-On-water OPS 67	
Operations/Safety/Incident Command / Operations		Operations/Safety/Incident Command 15	
Special Equipment / Supplies Needed for Assignment			
VHF Radio Camera			
Special Environmental Considerations			
Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.			
Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.			
Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.			
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ICS 204 - Assignment List		Group: Decon Group	
Incident Name: 2nd 80's Fire		Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
<p align="center">Special Site-Specific Safety Considerations</p> <p>Watch pinch points. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls. Don PFD's when working within 3 ft of the waters edge, open water or onboard a vessel.</p> <p>Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.</p> <p>Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than 0.5 ppm, evacuate the area, report to supervisor and Mike Gaudet (281-787-8256) or Mike Taylor (281) 667-1771 on Night Shift.</p> <p>If available don Full-Face respirator with organic cartridge prior reentry. If Benzene level reaches 25ppm or above, evacuate the area and notify Mike Gaudet. Do not reenter without donning a supplied air respirator.</p> <p>All equipment and personnel must be decontaminated prior to leaving the hot zone.</p> <p>Action Levels for Benzene:</p> <p>>0.5 ppm - Don full face APR</p> <p>>25 ppm - Supplied air; must change APR cartriges to prevent breakthrough every 4 hours.</p> <p>Report any LEL detection (delineate area).</p> <p>Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@item.com or Phone: 832-493-8041</p>			
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ICS 204 - Assignment List

Group: Decon Group

Incident Name: 2nd 80's Fire

Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

20190327 Decon Map



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Group: Decon Group

Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]



ICS 204 - Assignment List			Group: On-Water Air Monitoring Group		
Incident Name: 2nd 80's Fire			Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]		
Operations Personnel					
Position	Name	Affiliation	Contact Number(s)	Work Shift	
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift	
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift	
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift	
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift	
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift	
Water Operations Branch Director	McLelland, Reid	ITC	281-838-7567	Day Shift	
Water Operations Branch Director	Young, Kevin	ITC	281-786-9383	Night Shift	
Water Operations Branch Director	Carroll, Amos	USCG	(832) 256-3265	Day Shift	
Water Operations Branch Director	Swanney, Kyle	USCG	(832) 256-7210	Night Shift	
On-Water Air Monitoring Supervisor	Lopez, Christopher	ITC	281-744-3490	Day Shift	
On-Water Air Monitoring Supervisor	Shunda, Alexander	USCG	609-351-7153	Day Shift	
Incident Resources					
Area Of Operation	Resource Kind	Description (Equip ID)	Quantity	Size	Status
On-Water Air Monitoring Group	Equipment: PPE	3M 6003/07047 Respirator Cartridge 2 pk	20 each		En route
On-Water Air Monitoring Group	Equipment: PPE	3M Half Face 6300/07026 Respirator	20 each		En route
On-Water Air Monitoring Group	Equipment: Safety	5-Gas PID Meters	7 each		Available
On-Water Air Monitoring Group	Vessel	USCG TANB (26184)	2 each		Assigned
-- On-Water Air Monitoring Group	Manpower: Responder	USCG TANB crew	3 each		Assigned
Assignments					
USCG Strike Team to conduct air monitoring throughout all divisions as directed.					
Communications					
Name / Function		Contact Details			
Marine - USCG OPS / Tactical		Marine - USCG OPS 81A			
Marine - Hailing and Emergency / All		Marine - Hailing and Emergency 16			
Marine - OMI-On-water OPS / Tactical		Marine - OMI-On-water OPS 67			
Operations/Safety/Incident Command / Operations		Operations/Safety/Incident Command 15			
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ICS 204 - Assignment List		Group: On-Water Air Monitoring Group	
Incident Name: 2nd 80's Fire		Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Special Environmental Considerations			
Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.			
Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.			
Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.			
Special Site-Specific Safety Considerations			
Follow all traffic signs, posted speeds limits and stay on paved roads. Maintain situational awareness while driving. Maintain walking surface awareness to prevent slips, trips and falls. Don PFD's when working close to open water or onboard a vessel.			
Wear appropriate PPE, communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.			
Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281)-787-8256 on Day Shift or Mike Taylor (281) 667-1771 on Night Shift. If available don appropriate PPE prior reentry.			
Action Levels for Benzene:			
>0.5 ppm - Don full face APR			
>25 ppm - Supplied air; must change APR cartridges to prevent breakthrough every 4 hours.			
Report any LEL detection (delineate area).			
Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@item.com or Phone: 832-493-8041			
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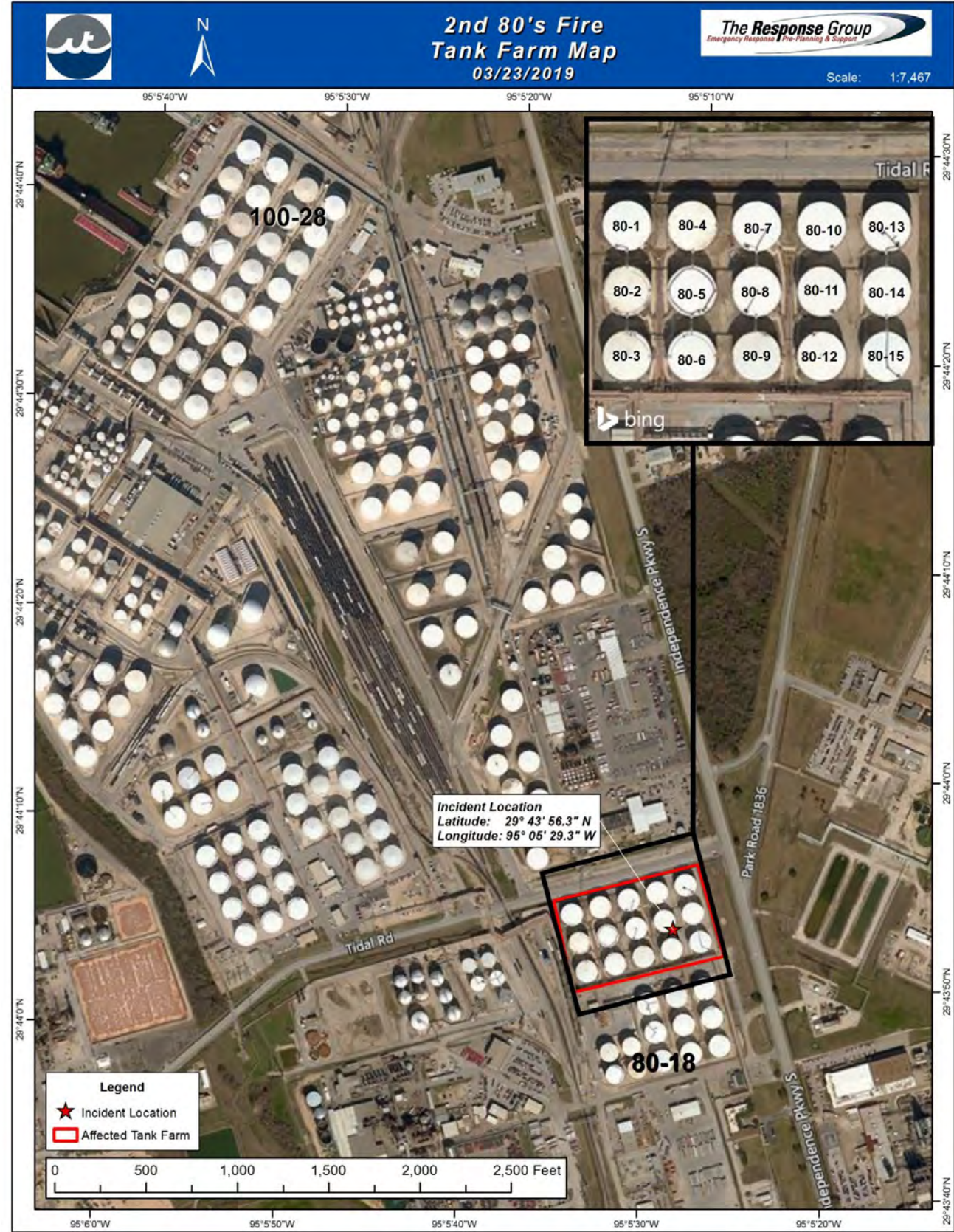
ICS 204 - Assignment List			Division: Division E	
Incident Name: 2nd 80's Fire			Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift
Tank Farm Operations Branch Director	Holley, Carl	ITC	281-380-1012	Day Shift
Division E Supervisor	Willis, Hunter	ITC	346-233-2879	Day Shift
Division E Supervisor	Brescia, Nicolas	Environmental Protection Agency	214-789-8383	Day Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Division E	Boom	Boom (18")	1000	
Division E	Spill Tech	Spill Tech	5	
Division E	Vacuum Truck 70 bbl	Vacuum Truck 70 bbl	3	
Assignments				
<p>- PROTECTION -</p> <p>Maintain boom to protect water intakes and environmentally sensitive areas in coordination with Division Supervisor and Environmental Unit Leader. Deploy additional GRPs as needed.</p> <p>54-A Tucker Bayou Industrial Water Intake 4053</p> <p>- RECOVERY -</p> <p>Coffer dam has been constructed on the ditch south of Tidal Rd. which leads to Tucker Bayou. Vacuum trucks will continue recover product from this location. Evaluation of options for additional Coffer dam construction will continue.</p>				
Special Equipment / Supplies Needed for Assignment				
Utilize Viscous Sweep & Sorbent Boom as needed.				
Special Environmental Considerations				
Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.				
Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.				
Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.				
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ICS 204 - Assignment List		Division: Division E	
Incident Name: 2nd 80's Fire		Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Special Site-Specific Safety Considerations			
<p>Watch pinch points. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls. Don PFD's when working within 3 ft of the waters edge, open water or onboard a vessel.</p> <p>Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.</p> <p>Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than 0.5 ppm, evacuate the area, report to supervisor and Mike Gaudet (281-787-8256) or Mike Taylor (281) 667-1771 on Night Shift. If available don Full-Face respirator with organic cartridge prior reentry. If Benzene level reaches 25ppm or above, evacuate the area and notify Mike Gaudet. Do not reenter without donning a supplied air respirator.</p> <p>All equipment and personnel must be decontaminated prior to leaving the hot zone.</p> <p>Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@item.com or Phone: 832-493-8041</p>			
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ICS 204 - Assignment List			Group: Tank Farm Recovery Group	
Incident Name: 2nd 80's Fire			Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift
Tank Farm Operations Branch Director	Holley, Carl	ITC	281-380-1012	Day Shift
Tank Farm Recovery Group Supervisor	Thomas, Harold	ITC	713-823-2543	Day Shift
Tank Farm Recovery Group Supervisor	Moses, Terry	ITC	281-389-9078	Night Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Tank Farm Recovery Group	Pumps	SS MSP-300	3	
Tank Farm Recovery Group	Manpower: Responder	ERT Member	8	
Tank Farm Recovery Group	Hose/Accessories	Vacuum Hose	3	
Tank Farm Recovery Group	Hydraulic Power Unit	Hydraulic Power Unit	3	
Tank Farm Recovery Group	Vehicle: Fire Engine	Fire Engine	2	
Assignments				
<p>(2) 2-man teams, (1) team deployed (1) team will remain on standby, donning Level B PPE will conduct pre-entry site characterization after drone assessment of the tank area is completed.</p> <p>Transfer product from 80-5 and 80-6 to receiving tanks and piping as directed by ITC / Unified Command. Pumping will be completed using a pump with a manifold with stainless-steel discharge hoses and transfer to 100-28. Personnel will maintain readiness and be staged at hose connections during initial start up.</p> <p>Other steps will be taken as needed to execute removal of material and stabilize the site.</p> <p>US Fire Pumps to conduct transfer operations of tanks 80-12 and 80-13.</p> <p>Assessment will be conducted by T&T before product transfer begins with tanks 80-5 and 80-6, first 80's tank manifold will be mitigated.</p> <p>***Should complete 3/28**** Drain down will be conducted on tanks 80-14 and 80-15 for the purpose of removing any residual product remaining in tank.</p>				
Communications				
Name / Function		Contact Details		
ITC Trunking System / Command		ITC Trunking System Site 1 & 2		
Operations/Safety/Incident Command / Operations		Operations/Safety/Incident Command 15		
Tactical Objectives				
Ensure all spilled material stays on site and in containment				
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ICS 204 - Assignment List		Group: Tank Farm Recovery Group	
Incident Name: 2nd 80's Fire		Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Special Equipment / Supplies Needed for Assignment			
6" Flange to 4: female cam lock Bolts for reducers Teflon Gaskets SCBAs Bunker Gear PPE - Level A Flash Suit, respirators, organic vapor cartridges, rubber boots, chem gloves, cascade systems/supplied-air systems, etc. Radios			
Special Environmental Considerations			
Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.			
Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.			
Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.			
Special Site-Specific Safety Considerations			
Continuous air monitoring will be conducted to direct use of respiratory protection for workers. PPE will include fire-resistant coveralls, chemical protective boots, chemical resistant gloves, hearing protection, eye protection, splash guards (as required), outer protective suits (as required), and respiratory protection. Respirators with organic vapor cartridges and supplied-air systems will be provided. Grounding/bonding of transfer system will be completed. Transfer operations will cease during lightning events. All personnel on-site have stop-work authority. A JSA will be completed prior to commencing transfer operations.			
Watch pinch points. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls.			
Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.			
Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281)-787-8256 on Day Shift or Mike Taylor (281) 667-1771 on Night Shift. If available don appropriate PPE prior reentry.			
All equipment and personnel must be decontaminated prior to leaving the hot zone.			
Action Levels for Benzene:			
>0.5 ppm - Don full face APR			
>25 ppm - Supplied air; must change APR cartridges to prevent breakthrough every 4 hours.			
Report any LEL detection (delineate area).			
Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@item.com or Phone: 832-493-8041			
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ICS 204 - Assignment List		Group: Tank Farm Recovery Group	
Incident Name: 2nd 80's Fire		Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Additional Information			
<p>Pumping Crew Trevor Reed Mario Tovar Ricky Castillo Cory Lewis Rick Francis Additional personnel as required Robbie Dison: Safety Assistant On-Site Tom Noble: Project Management / Supervision Safety Director: Cody Wilson</p>			
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ICS 204 - Assignment List			Task Force: Fire Water Containment TF	
Incident Name: 2nd 80's Fire			Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift
Tank Farm Operations Branch Director	Holley, Carl	ITC	281-380-1012	Day Shift
Fire Suppression Group Supervisor	Dwight, Williams	US Fire Pump	409-273-4870	Day Shift
Fire Suppression Group Supervisor	Guccione, Cory	ITC	281-380-1029	Night Shift
Fire Water Containment TF Leader	Walker, Derek	ITC	281-515-0751	Day Shift
Fire Water Containment TF Leader	Martin, Gene	ITC	832-259-6587	Night Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Firewater Containment TF	Manpower: Responder	Manpower: Responder	4	
Firewater Containment TF	Manpower: Supervisor	Manpower: Supervisor	1	
Firewater Containment TF	Pumps	Pumps	1	
Firewater Containment TF	Vacuum Truck	Vacuum Truck	4	
Assignments				
Maintain 2' of foam and mixture within the tank farm. Will adjust accordingly if rain should occur.				
Ensure all firewater/mix used in firefighting operations is contained and removed. Utilize vacuum trucks, pumps, suction hose, and manifold hose to pump water into tank 100-28. If necessary, transfer from tank 100-28 to 100-31 to drop head pressure and reduce volume to allow trucks to be able to pump into tank 100-28.				
Coffer dam has been constructed on the ditch south of Tidal Rd. which leads to Tucker Bayou. Vacuum trucks will continue recover any material as needed from this location. Evaluation of options for additional Coffer dam construction will continue.				
Other steps will be taken as needed to execute removal of material and stabilize the site.				
Communications				
Name / Function		Contact Details		
ITC Trunking System / Command		ITC Trunking System Site 1 & 2		
Operations/Safety/Incident Command / Operations		Operations/Safety/Incident Command 15		
CIMA / Dispatch		CIMA 1		
Tactical Objectives				
Ensure all spilled material stays on site and in containment				
ICS 204 - Assignment List			Updated 03/25/2019 19:04 UTC -6:00	
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ICS 204 - Assignment List		Task Force: Fire Water Containment TF	
Incident Name: 2nd 80's Fire		Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Special Environmental Considerations			
Report any oiled wildlife, wildlife in foam to the Wildlife Hotline (832 368 5379). Please take photo, and document location - DO NOT APPROACH.			
Report any deceased fish found within the areas of operation to the Wildlife Hotline (832 368 5379). Please take photo and document location.			
Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.			
Special Site-Specific Safety Considerations			
Keep clear of heavy equipment in operation. Watch pinch points. Utilize flagger/spotter if necessary.			
Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.			
Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281)-787-8256 on Day Shift or Mike Taylor (281) 667-1771 on Night Shift. If available don appropriate PPE prior reentry.			
Action Levels for Benzene:			
>0.5 ppm - Don full face APR			
>25 ppm - Supplied air; must change APR cartridges to prevent breakthrough every 4 hours.			
Report any LEL detection (delineate area).			
Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor.			
Email: Air2@iterm.com			
or			
Phone: 832-493-8041			
ICS 204 - Assignment List		Updated 03/25/2019 19:04 UTC -6:00	
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ICS 204 - Assignment List			Task Force: Foam Application TF	
Incident Name: 2nd 80's Fire			Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift
Tank Farm Operations Branch Director	Holley, Carl	ITC	281-380-1012	Day Shift
Fire Suppression Group Supervisor	Dwight, Williams	US Fire Pump	409-273-4870	Day Shift
Fire Suppression Group Supervisor	Guccione, Cory	ITC	281-380-1029	Night Shift
Foam Application TF Leader	Nawrocki, Ryan	US Fire Pump	(225) 931-0694	Day Shift
Foam Application TF Leader	Snyder, John	US Fire Pump	(985) 817-0649	Night Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Foam Application TF	Manpower: Responder	Manpower: Responder	12	
Foam Application TF	Manpower: Supervisor	Manpower: Supervisor	1	
Foam Application TF	Pumps	Pumps	1	
Foam Application TF	Fire Fighting Foam	Foam Totes	1000	
Foam Application TF	Fire Fighting Equipment	Foam Pumper	2	
Assignments				
<p>Ensure continuous foam blanket is applied within the tank berm area to mitigate any re-ignition potential. Foam applied as needed using multiple stationary foam cannons. Every 2 hours (as necessary) foam will be applied near tanks 80-2, 80-3, 80-5, 80-6, 80-12, 80-13, 80-14, and 80-15. Firefighting team's specific focus is fire protection, fire suppression and vapor suppression.</p> <p>Continue use of infrared imaging camera to read and/or detect any vapor yields. Continue aggressive metering and monitoring around tank farm area. Foam Type(s): 1-3%</p> <p>Other steps will be taken as needed to prevent fire, control emissions and stabilize the site.</p>				
Communications				
Name / Function		Contact Details		
ITC Trunking System / Command		ITC Trunking System Site 1 & 2		
Operations/Safety/Incident Command / Operations		Operations/Safety/Incident Command 15		
ICS 204 - Assignment List			Updated 03/25/2019 19:03 UTC -6:00	
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ICS 204 - Assignment List		Task Force: Foam Application TF	
Incident Name: 2nd 80's Fire		Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Special Environmental Considerations			
Report any oiled wildlife, wildlife in foam to the Wildlife Hotline (832 368 5379). Please take photo, and document location - DO NOT APPROACH.			
Report any deceased fish found within the areas of operation to the Wildlife Hotline (832 368 5379). Please take photo and document location.			
Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.			
Special Site-Specific Safety Considerations			
Keep clear of heavy equipment in operation. Watch pinch points. Utilize flagger/spotter if necessary. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls.			
Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.			
Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281)-787-8256 on Day Shift or Mike Taylor (281) 667-1771 on Night Shift. If available don appropriate PPE prior reentry.			
Action Levels for Benzene:			
>0.5 ppm - Don full face APR			
>25 ppm - Supplied air; must change APR cartridges to prevent breakthrough every 4 hours.			
Report any LEL detection (delineate area).			
Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@item.com or Phone: 832-493-8041			
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ICS 204 - Assignment List			Group: Air Monitoring Group	
Incident Name: 2nd 80's Fire			Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift
Monitoring Branch Director	Gaudet, Michael	ITC	(281) 787-8256	Day Shift
Monitoring Branch Director	Taylor, Mike	ITC	(281) 667-1771	Night Shift
Air Monitoring Group Supervisor	Langley, Justin	CTEH	281-627-2889	Day Shift
Air Monitoring Group Supervisor	Allaby, Eric	CTEH	(501) 529-7164	Night Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Air Monitoring Group	Equipment: Safety	Air Monitoring Devices	615	
Air Monitoring Group	Manpower: Responder	Air Monitoring Tech	279	
Air Monitoring Group	Aircraft: UAV	Aircraft	1	
Air Monitoring Group	Vehicle	Vehicle	227	
Air Monitoring Group	Work Boat	Work Boat	1	
Air Monitoring Group	Boat Operator	Boat Operator	2	
ICS 204 - Assignment List			Updated 03/25/2019 18:53 UTC -6:00	
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ICS 204 - Assignment List		Group: Air Monitoring Group	
Incident Name: 2nd 80's Fire		Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Assignments			
<p>CTEH: Real time air monitoring (360 deg. 24hr) in operational areas as well as in community. (Benzene, VOCs) (34) Analytical stations samples go to lab for rush turnaround (same day or next day). See Air Monitoring Plan for details. Air Monitoring Device Kits: 201 (3 Air Monitoring Devices per Kit) Personnel: 238 Vehicles: 218</p> <p>CTEH will work with the Division Supervisor will determine the air monitoring support level on all vessels.</p> <p>EPA: (3) Roving monitoring teams conducting air monitoring. Real-time monitoring will occur via ASPECT aerial platform. TAGA bus to continue to conduct air monitoring in community areas. If there is a area of concern where TAGA can be utilized, contact EPA. Personnel: 19 Vehicles: 1 Aircraft: 1</p> <p>MSRC: (2) CTEH personnel & (1) MSRC Tech will conduct continuous monitoring on the deck of the Texas Responder. Air Monitoring Devices: 1 Personnel: 2 Vessels: 1</p> <p>Hazmat Group (City of Houston, CST, Harris County Fire Marshall Office, TIFMAS): (4) (2) man teams will take readings at multiple sites around the Incident Location and will report results. If action levels are reached, Monitoring Supervisor and Harris County EOC will be notified. CST will coordinate work through Hazmat Group or Local On-Scene Coordinator. Air Monitoring Devices: 9 Personnel: 14 Vehicles: 4</p> <p>TCEQ will deploy (3) teams during day operations and (5) teams during night operations. The teams will be positioned downwind of the facility in community areas. In addition (2) air monitoring stations are strategically located in coordination with unified command. SWS Personnel: 4 Vehicles: 3</p> <p>Harris County Pollution Control: Will conduct roving monitoring along 225 and Tidal Rd to railroad tracks. Also will conduct monitoring at 225 and Miller Rd. to railroad tracks. Air Monitoring Devices: 2 Personnel: 2 Vehicles: 1</p> <p>Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor.</p> <p>Email: Air2@iterm.com Phone: 832-493-8041</p>			
Communications			
Name / Function		Contact Details	
Operations/Safety/Incident Command / Operations		Operations/Safety/Incident Command 15	
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ICS 204 - Assignment List		Group: Air Monitoring Group	
Incident Name: 2nd 80's Fire		Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Special Environmental Considerations			
Report any oiled wildlife, wildlife in foam to the Wildlife Hotline (832 368 5379). Please take photo, and document location - DO NOT APPROACH.			
Report any deceased fish found within the areas of operation to the Wildlife Hotline (832 368 5379). Please take photo and document location.			
Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.			
Special Site-Specific Safety Considerations			
Follow all traffic signs, posted speeds limits and stay on paved roads. Maintain situational awareness while driving. Maintain walking surface awareness to prevent slips, trips and falls. Don PFD's when working close to open water or onboard a vessel.			
Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.			
Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281)-787-8256 on Day Shift or Mike Taylor (281) 667-1771 on Night Shift. If available don appropriate PPE prior reentry.			
Action Levels for Benzene:			
>0.5 ppm - Don full face APR			
>25 ppm - Supplied air; must change APR cartridges to prevent breakthrough every 4 hours.			
Report any LEL detection (delineate area).			
Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@item.com or Phone: 832-493-8041			
ICS 204 - Assignment List		Updated 03/25/2019 18:53 UTC -6:00	
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ICS 204 - Assignment List			Group: Water Sampling Group	
Incident Name: 2nd 80's Fire			Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift
Monitoring Branch Director	Gaudet, Michael	ITC	(281) 787-8256	Day Shift
Monitoring Branch Director	Taylor, Mike	ITC	(281) 667-1771	Night Shift
Water Sampling Group Supervisor	Kubitz, Jody	Cardno	815-355-3938	Day Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Water Sampling Group	Miscellaneous	Water Sampling Kits	2	
Water Sampling Group	Manpower: Responder	Air Monitoring Tech	6	
Water Sampling Group	Vehicle	Vehicle	3	
Water Sampling Group	Work Boat	Work Boat	6	
Water Sampling Group	Boat Operator	Boat Operator	6	
Assignments				
<p>Conduct water sampling in various locations. Samples will be taken from shoreline access points and vessels as needed. All sampling results will be communicated back to Unified Command. Sampling will be conducted in accordance with each entities Sampling Plan</p> <p>EPA: (1) Surface water sampling group will conduct sampling upstream of the confluence of Tucker Bayou (daily) and the Ship Channel (outside of the containment), San Jacinto State Historical Park, and the vicinity of the Lynchburg Reservoir, Juan Seguin County Park, River Terrace Park. Additional areas will be sampled when needed.</p> <p>TCEQ: (3) Surface quality groups will conduct water sampling east of Channelview, as far as the eastern border of Galveston Bay and as far south as Kemah, an additional shore sampling team will be conducting sampling in Gulf side of Galveston Island and Crystal Beach in Bolivar peninsula. Harris County Pollution Control will continue to work with TCEQ regarding water sampling data.</p> <p>Cardno: (2) Teams will conduct water sampling by vessel and taking a full suite of samples from Buffalo Bayou east for several miles. Reference the Foam Product & Water Sampling Plan for additional details.</p> <p>ITC: Water sampling will occur at outfall 3 regularly every two hours. If outfall 3 is opened, take additional sample.</p> <p>Other steps as needed to characterize the impact to water and aquatic environment.</p>				
Communications				
Name / Function		Contact Details		
Marine - USCG OPS / Tactical		Marine - USCG OPS 81A		
Marine - Hailing and Emergency / All		Marine - Hailing and Emergency 16		
Marine - OMI-On-water OPS / Tactical		Marine - OMI-On-water OPS 67		
ICS 204 - Assignment List			Updated 03/28/2019 13:17 UTC -6:00	
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ICS 204 - Assignment List		Group: Water Sampling Group	
Incident Name: 2nd 80's Fire		Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Communications			
Name / Function		Contact Details	
Operations/Safety/Incident Command / Operations		Operations/Safety/Incident Command 15	
Special Environmental Considerations			
<p>Report any oiled wildlife, wildlife in foam to the Wildlife Hotline (832 368 5379). Please take photo, and document location - DO NOT APPROACH.</p> <p>Report any deceased fish found within the areas of operation to the Wildlife Hotline (832 368 5379). Please take photo and document location.</p> <p>Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.</p>			
Special Site-Specific Safety Considerations			
<p>Maintain walking surface awareness to prevent slips, trips and falls. Don PFD's when working within 3 ft of the waters edge, open water or onboard a vessel.</p> <p>Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.</p> <p>Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281)-787-8256 on Day Shift or Mike Taylor (281) 667-1771 on Night Shift. If available don appropriate PPE prior reentry.</p> <p>Action Levels for Benzene:</p> <p>>0.5 ppm - Don full face APR</p> <p>>25 ppm - Supplied air; must change APR cartridges to prevent breakthrough every 4 hours.</p> <p>Report any LEL detection (delineate area).</p> <p>Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@item.com or Phone: 832-493-8041</p>			
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ICS 204 - Assignment List			Branch: Wildlife Branch	
Incident Name: 2nd 80's Fire			Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift
Wildlife Branch Director	Murgatroyd, Rhonda	Wildlife Response Services LLC	713-705-5897	
Wildlife Branch Director	Nunez, Alex	Texas Parks and Wildlife	361-658-3181	
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Wildlife Branch	Small Boat	Small Boat	2	14 - 29 feet
Wildlife Branch	Boat Operator	Boat Operator	2	
Wildlife Branch	Wildlife Specialist	Avian Specialist	3	
Wildlife Branch	Safety Personnel	Air Monitoring Tech	3	
Wildlife Branch	Manpower: Responder	Marine Mammal Specialist	2	
Wildlife Branch	Facilities	Rehab Facility	1	
Wildlife Branch	Wildlife Trailer	Wildlife Trailer	1	
Wildlife Branch	Equipment: Comms	Wildlife Hotline Phone	1	
Wildlife Branch	Manpower: Supervisor	Wildlife Branch Director	2	
Wildlife Branch	Wildlife Support Tech	Wildlife Support Tech	1	
Assignments				
<p>(1) Wildlife Recovery Team and (1) Marine Mammal Monitoring Team will conduct boat and shoreline assessments for oiled and at-risk wildlife using standard protocols. Assess the locations, numbers, and types of potentially impacted wildlife. Field teams will immediately notify the Wildlife Branch Director of any observed oil impacts to wildlife. Coordinate any observations reported to the JIC and relay information to the Wildlife Branch Director.</p> <p>Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safe harbor. Communicate changes in conditions with Branch Director. Once weather improves to a safe condition continue recovery operations.</p> <p>Wildlife Hotline #: (832) 368-5379</p>				
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ICS 204 - Assignment List			Other: SCAT / RAT	
Incident Name: 2nd 80's Fire			Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift
Rapid Assessment Team (RAT)	Wakefield, Jeff	Cardno	3023889173	Day Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
SCAT / RAT	Equipment: Safety	Air Monitoring Devices	4	
SCAT / RAT	Manpower: Responder	Air Monitoring Tech	4	
SCAT / RAT	Vehicle	Vehicle	4	
SCAT / RAT	Work Boat	Work Boat	4	
SCAT / RAT	Boat Operator	Boat Operator	4	
Assignments				
<p>(4) Shoreline Cleanup Assessment Technique (SCAT)/ Rapid Assessment Teams (RAT) and (1) UAS team to conduct surveys along both shorelines of the ship channel to assess any environmental impacts. Teams will be comprised of Cardno/ITC, Federal (where available) and State personnel. All surveys will be conducted per the Rapid Assessment Team Plan or the Shoreline Cleanup Assessment Technique (SCAT) Plan.</p>				
Communications				
Name / Function		Contact Details		
Operations/Safety/Incident Command / Operations		Operations/Safety/Incident Command 15		
Special Environmental Considerations				
<p>Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.</p> <p>Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.</p> <p>Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.</p>				
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ICS 204 - Assignment List		Other: SCAT / RAT	
Incident Name: 2nd 80's Fire		Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
<p align="center">Special Site-Specific Safety Considerations</p> <p>Maintain walking surface awareness to prevent slips, trips and falls. Don PFD's when working within 3 ft of the waters edge, open water or onboard a vessel.</p> <p>Wear appropriate PPE, communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.</p> <p>Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281-787-8256).</p> <p>All equipment and personnel must be decontaminated prior to leaving the hot zone.</p> <p>Action Levels for Benzene:</p> <p>>0.5 ppm - Don full face APR</p> <p>>25 ppm - Supplied air; must change APR cartridges to prevent breakthrough every 4 hours.</p> <p>Report any LEL detection (delineate area).</p> <p>Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@iterm.com or Phone: 832-493-8041</p>			
<div> <div>ICS 204 - Assignment List</div> <div>Prepared By Operations, Updated 03/28/2019 21:29 UTC -6:00 PP</div> </div>			
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ICS 204 - Assignment List

Other: SCAT / RAT

Incident Name: 2nd 80's Fire

Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

20190322 RAT Group Map



ICS 204 - Assignment List

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Other: SCAT / RAT

Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]



ICS 204 - Assignment List

Other: SCAT / RAT

Incident Name: 2nd 80's Fire

Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

20190324 Compiled RAT Group Map



ICS 204 - Assignment List

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ICS 204 - Assignment List

Other: SCAT / RAT

Incident Name: 2nd 80's Fire

Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

20190325 Compiled RAT Group Map



ICS 204 - Assignment List

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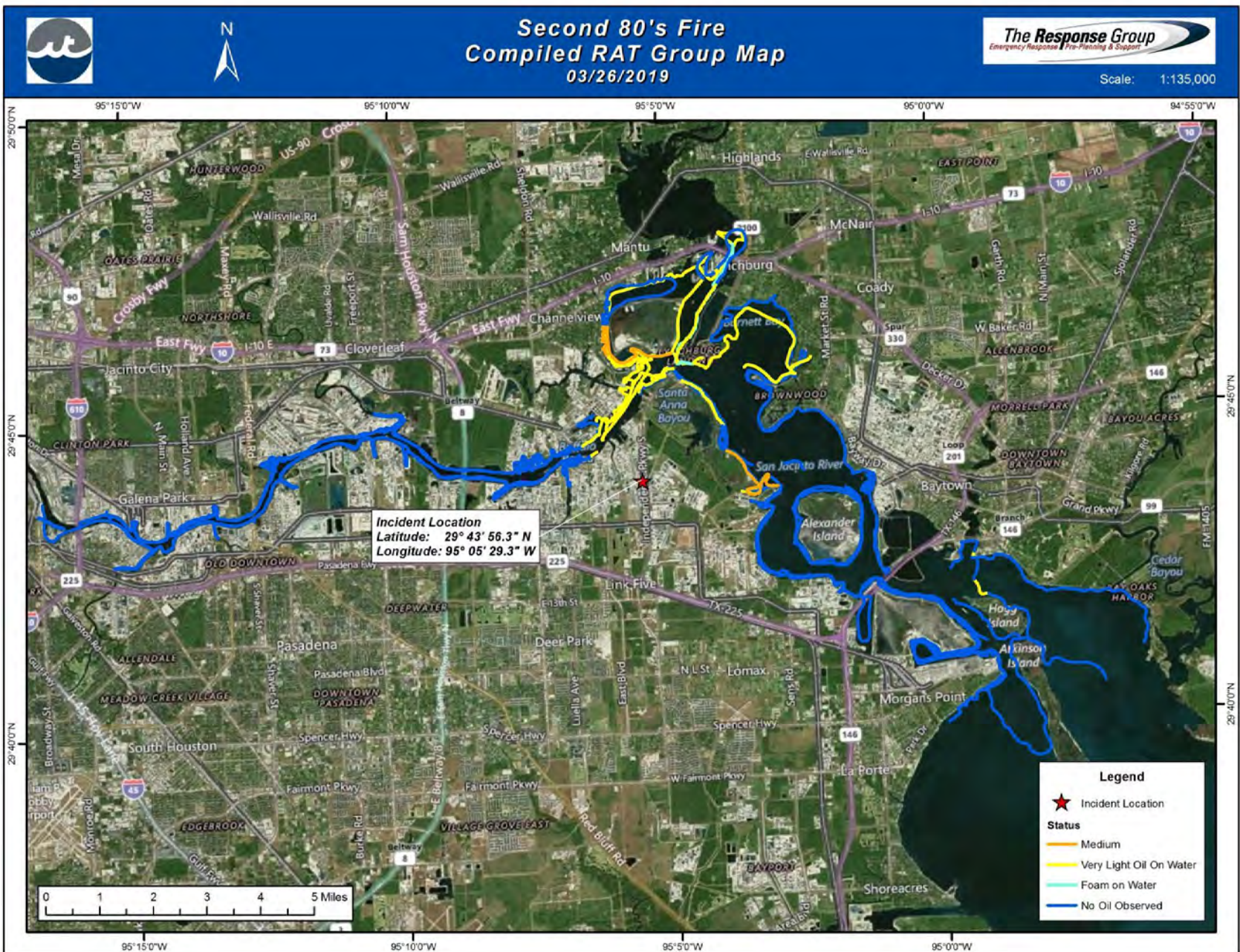
ICS 204 - Assignment List

Other: SCAT / RAT

Incident Name: 2nd 80's Fire

Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

20190326 Compiled RAT Group Map



ICS 204 - Assignment List

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ICS 204 - Assignment List

Other: SCAT / RAT

Incident Name: 2nd 80's Fire

Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

20190327 Compiled RAT Group Map



ICS 204 - Assignment List

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ICS 204 - Assignment List

Other: SCAT / RAT

Incident Name: 2nd 80's Fire

Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

20190327 Compiled SCAT Group Map



ICS 204 - Assignment List

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ICS 205 - Radio Communications					Version Name: Radio Comms				
Incident Name: 2nd 80's Fire					Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]				
Radio Channel Information									
Ch #	Function	Channel Name/ Trunked Radio System Talkgroup	Assignment	Rx Freq N or W	Rx Tone/NAC	Tx Freq N or W	Tx Tone/NAC	Mode (A, D, or M)	Remarks
81A	Tactical	Marine - USCG OPS		157.0250	None	Simplex		A	
21A	Tactical	Marine - RAT (Rapid Assessment Teams)		157.0500	None	Simplex		A	
16	All	Marine - Hailing and Emergency		156.8000	None	Simplex		A	
67	Tactical	Marine - OMI-On-water OPS		156.3750	None	Simplex		A	
Site 1 & 2	Command	ITC Trunking System	ITC ICP (Admin Building)	Encrypted				D	
15	Operations	Operations/Safety/Incident Command							
1	Dispatch	CIMA							
2	Tactical	East/South - CIMA							
3	Tactical	North Div - CIMA							
4	Tactical	West Div (Water Supply) - CIMA							
5	Tactical	Safety (IH) - CIMA							
Special Radio Instructions									
ICS 205 - Radio Communications					Prepared By Logistics, Updated 03/23/2019 18:02 UTC -6:00 PP				
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ICS 205a - Communications List				Version Name: Water Operations Branch	
Incident Name: 2nd 80's Fire				Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Local Communications Information					
Name	Incident Assigned Position	Mobile Phone	Work Phone	Email	Notes
Jacobson, Jeff	Operations Section Chief	713-516-6916			ITC
Kuhn, Karl	Deputy Operations Section Chief	713-208-5583			ITC
Burditt, John	Deputy Operations Section Chief	832-240-6440			ITC
Shamilov, Rafael	Deputy Operations Section Chief	415-798-6475			USCG
Tilimon, Matthew	Deputy Operations Section Chief	832-256-3261			USCG
Young, Kevin	Water Operations Branch - NIGHT	281-786-9383			ITC
McLelland, Reid	Water Operations Branch	281-838-7567			ITC
Carroll, Amos	Water Operations Branch	(832) 256-3265			USCG
Ward, Taylor	Division A Group Supervisor	251-300-4189			USCG
Livingston, Gregory	Division B Group Supervisor	860-857-4997			USCG
Osborne, Scott	Division B Group Supervisor	903-391-4831			ITC
Kyser, Christopher	Division C Group Supervisor	713-204-6978			USCG
Anderson, Byron	Division C Group Supervisor	832-466-6646			ITC
Myers, Janmichael	Division D Group Supervisor	630-390-8615			USCG
Debrum, Nicholas	Air Monitoring (Water)	774-766-8695			USCG
Ruff, Zach	Mobile Decon Group	614-795-1689			USCG
Pounds, Kenneth	Assistant Safety Officer	2513661450			USCG
Larson, Alan	Assistant Safety Officer	786-973-1225			USCG
Gaudet, Michael	Monitoring Branch	(281) 787-8256			ITC
Rodriguez, Antonio	NRC Contact	281-796-6881			NRC
Segura, Tyler	OMI Contact	409-299-0472			OMI
Sedlack, Tracy	MSRC Contact	713-471-2680			MSRC
ICS 205a - Communications List				Prepared By Water Operations Branch, Updated 03/28/2019 20:01 PP	
INCIDENT ACTION PLAN SOFTWARE™		Printed 03/28/2019 23:07 UTC -6:00		Page 57 of 105 © TRG	

ICS 206 - Medical Plan				Version Name: Tank Farm Operations				
Incident Name: 2nd 80's Fire				Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]				
Medical Aid Stations								
<i>Name</i>	<i>Location</i>	<i>Paramedic On Site</i>	<i>Phone</i>	<i>Radio</i>				
Safety Training Building	-95.09605 29.73362	<input type="checkbox"/>		ITC Mandown Button				
Transportation (Ground and/or Air Ambulance Services)								
<i>Ambulance Service</i>	<i>Location</i>	<i>Phone</i>	<i>Radio</i>	<i>Air</i>	<i>ALS</i>			
Deer Park Volunteer Fire Department	Deer Park, TX	Ph1: (281) 476-1511		<input type="checkbox"/>	<input type="checkbox"/>			
Hospitals								
<i>Hospital</i>	<i>Location</i>	<i>Phone</i>	<i>Radio</i>	<i>Air Travel Time</i>	<i>Ground Travel Time</i>	<i>Trauma Center</i>	<i>Helipad</i>	<i>Burn Center</i>
CHI St. Luke's Patients Medical Center	4600 East Sam Houston Parkway South Pasadena, TX 77505 -95.16227 29.64113	713-378-8994 281-487-0700				II	<input type="checkbox"/>	<input type="checkbox"/>
HCA-Bayshore Medical Center	4000 Spencer Hwy Pasadena, TX 77504 -95.18378 29.66124	713-359-1060 713-359-1000				II	<input type="checkbox"/>	<input type="checkbox"/>
Altus Baytown Hospital	1626 W Baker Rd Baytown, TX 77521 -94.98169 29.77128	281-382-1627 281-837-7600					<input checked="" type="checkbox"/>	<input type="checkbox"/>
Special Medical Emergency Procedures								
<p>Deliver First Aid if trained in accordance with your training.</p> <p>Address is 2621 ITC Tidal Road Harris County, Texas.</p> <p>Conduct immediate notifications through supervisor and Safety Officer via Chain of Command per ICS 202b Unified Command Critical Threshold Reporting Criteria for:</p> <p>Injury or Death</p> <p>OSHA/Greater than 1st Aid through Safety Officer</p> <p>SDS available and copies made to send with ambulance.</p> <p>Decontamination must take place prior to transport.</p> <p>Helipad/air operations will take place on Independence Road immediately across from CIMA Incident Command Post.</p>								
ICS 206 - Medical Plan				Prepared By Planning, Updated 03/25/2019 18:30 UTC -6:00 PP				
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/28/2019 23:07 UTC -6:00		Page 58 of 105		© TRG			

ICS 206 - Medical Plan				Version Name: Division A On Water Operations				
Incident Name: 2nd 80's Fire				Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]				
Medical Aid Stations								
<i>Name</i>	<i>Location</i>	<i>Paramedic On Site</i>	<i>Phone</i>	<i>Radio</i>				
Staging Area - OMI River	-95.10154 29.78214	<input checked="" type="checkbox"/>						
Transportation (Ground and/or Air Ambulance Services)								
<i>Ambulance Service</i>	<i>Location</i>	<i>Phone</i>	<i>Radio</i>	<i>Air</i>	<i>ALS</i>			
Channel View Fire Dept	Channel View, TX -95.11465 29.77606	Ph1: 911 / (281) 452-5782		<input type="checkbox"/>	<input type="checkbox"/>			
Acadian Ambulance Staging Area - OMI River	-95.10104 29.78206	Ph1: (409) 833-3800		<input type="checkbox"/>	<input type="checkbox"/>			
Hospitals								
<i>Hospital</i>	<i>Location</i>	<i>Phone</i>	<i>Radio</i>	<i>Air Travel Time</i>	<i>Ground Travel Time</i>	<i>Trauma Center</i>	<i>Helipad</i>	<i>Burn Center</i>
Houston Healthcare Southeast	4000 Spencer Hwy Pasadena, TX 77504 -95.18378 29.66124	713-359-1440		15 min	15 min	III	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UTMB	3737 Red Bluff Rd #150 Pasadena, TX 77503 -95.15567 29.68583	409-772-2002		15 min	15 min	I	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Houston Healthcare Clear Lake	500 W. Medical Center Blvd, Webster, TX 77598 Webster, TX 77598 -95.12773 29.5413	281-338-3708		15 min	30 min	II	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Houston Methodist Baytown	4401 Garth Road Baytown, TX 77521 -94.9796 29.76916	281-420-8851 281-420-8600		15 min	30 min		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Surgery Specialty Hospital of America-Southeast Houston	4301 B Vista Pasadena, TX 77504 -95.1779 29.65913	713-378-2068 713-378-3000		15 min	15 min	II	<input type="checkbox"/>	<input type="checkbox"/>
Advanced Diagnostic Hospital East	12950 East Freeway Ste.100 Houston, TX 77015 -95.20044 29.77054	903-240-5893		15 min	15 min		<input type="checkbox"/>	<input type="checkbox"/>
ICS 206 - Medical Plan				Prepared By Planning, Updated 03/25/2019 18:59 UTC -6:00 PP				
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/28/2019 23:07 UTC -6:00			Page 59 of 105		© TRG		

ICS 206 - Medical Plan		Version Name: Division A On Water Operations	
Incident Name: 2nd 80's Fire		Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
<p align="center">Special Medical Emergency Procedures</p>			
<p>Deliver First Aid if trained in accordance with your training.</p> <p>1. Acadian Ambulance staged 01 Advanced Life Support Ambulance at Staging Area - OMI River; Address - River Terrace Park 16550 Market Street Channelview, TX 77530</p> <p>2. Call Acadian Ambulance Dispatch at (409) 833-3800 to notify Ambulance of incoming medical or trauma case</p> <p>Conduct immediate notifications through supervisor and Safety Officer via Chain of Command per ICS 202b Unified Command Critical Threshold Reporting Criteria for:</p> <p>Injury or Deathv</p> <p> OSHA/Greater than 1st Aid through Safety Officer</p> <p>SDS available and copies made to send with ambulance.</p> <p>Decontamination must take place prior to transport.</p> <p>Helipad/air operations will take place on Independence Road immediately across from CIMA Incident Command Post.</p>			
<p>ICS 206 - Medical Plan</p>			
<p>INCIDENT ACTION PLAN SOFTWARE™</p>		<p>Prepared By Planning, Updated 03/25/2019 18:59 UTC -6:00 PP</p>	
<p>Printed 03/28/2019 23:07 UTC -6:00</p>		<p>Page 60 of 105</p>	
<p align="right">© TRG</p>			

ICS 206 - Medical Plan				Version Name: Division B On Water Operations				
Incident Name: 2nd 80's Fire				Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]				
Medical Aid Stations								
<i>Name</i>	<i>Location</i>	<i>Paramedic On Site</i>	<i>Phone</i>	<i>Radio</i>				
Staging Area - OMI River	-95.10154 29.78214	<input checked="" type="checkbox"/>						
Transportation (Ground and/or Air Ambulance Services)								
<i>Ambulance Service</i>	<i>Location</i>	<i>Phone</i>	<i>Radio</i>	<i>Air</i>	<i>ALS</i>			
Acadian Ambulance Dispatch Center	-94.14665 29.99906	Ph1: (409) 833-3800		<input type="checkbox"/>	<input type="checkbox"/>			
Acadian Ambulance Supervisor 470	-95.10154 29.78214	Ph1: (832) 210-4279		<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Hospitals								
<i>Hospital</i>	<i>Location</i>	<i>Phone</i>	<i>Radio</i>	<i>Air Travel Time</i>	<i>Ground Travel Time</i>	<i>Trauma Center</i>	<i>Helipad</i>	<i>Burn Center</i>
Houston Healthcare Southeast	4000 Spencer Hwy Pasadena, TX 77504 -95.18378 29.66124	713-359-1440		15 min	15 min	III	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UTMB	3737 Red Bluff Rd #150 Pasadena, TX 77503 -95.15567 29.68583	409-772-2002		15 min	15 min	I	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Houston Healthcare Clear Lake	500 W. Medical Center Blvd, Webster, TX 77598 Webster, TX 77598 -95.12773 29.5413	281-338-3708		15 min	30 min	II	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Houston Methodist Baytown	4401 Garth Road Baytown, TX 77521 -94.9796 29.76916	281-420-8851 281-420-8600		15 min	30 min		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Surgery Specialty Hospital of America-Southeast Houston	4301 B Vista Pasadena, TX 77504 -95.1779 29.65913	713-378-2068 713-378-3000		15 min	15 min	II	<input type="checkbox"/>	<input type="checkbox"/>
Advanced Diagnostic Hospital East	12950 East Freeway Ste.100 Houston, TX 77015 -95.20044 29.77054	903-240-5893		15 min	15 min		<input type="checkbox"/>	<input type="checkbox"/>
ICS 206 - Medical Plan				Prepared By Planning, Updated 03/25/2019 16:49 UTC -6:00 PP				
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/28/2019 23:07 UTC -6:00		Page 61 of 105			© TRG		

ICS 206 - Medical Plan		Version Name: Division B On Water Operations	
Incident Name: 2nd 80's Fire		Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Special Medical Emergency Procedures			
<p>Deliver First Aid if trained in accordance with your training.</p> <p>1. Acadian Ambulance staged 01 Advanced Life Support Ambulance at Staging Area - OMI River; Address - River Terrace Park 16550 Market Street Channelview, TX 77530</p> <p>2. Call Acadian Ambulance Dispatch at (409) 833-3800 to notify Ambulance of incoming medical or trauma case</p> <p>Conduct immediate notifications through supervisor and Safety Officer via Chain of Command per ICS 202b Unified Command Critical Threshold Reporting Criteria for:</p> <p>Injury or Deathv</p> <p> OSHA/Greater than 1st Aid through Safety Officer</p> <p>SDS available and copies made to send with ambulance.</p> <p>Decontamination must take place prior to transport.</p> <p>Helipad/air operations will take place on Independence Road immediately across from CIMA Incident Command Post.</p>			
ICS 206 - Medical Plan		Prepared By Planning, Updated 03/25/2019 16:49 UTC -6:00 PP	
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/28/2019 23:07 UTC -6:00	Page 62 of 105	© TRG

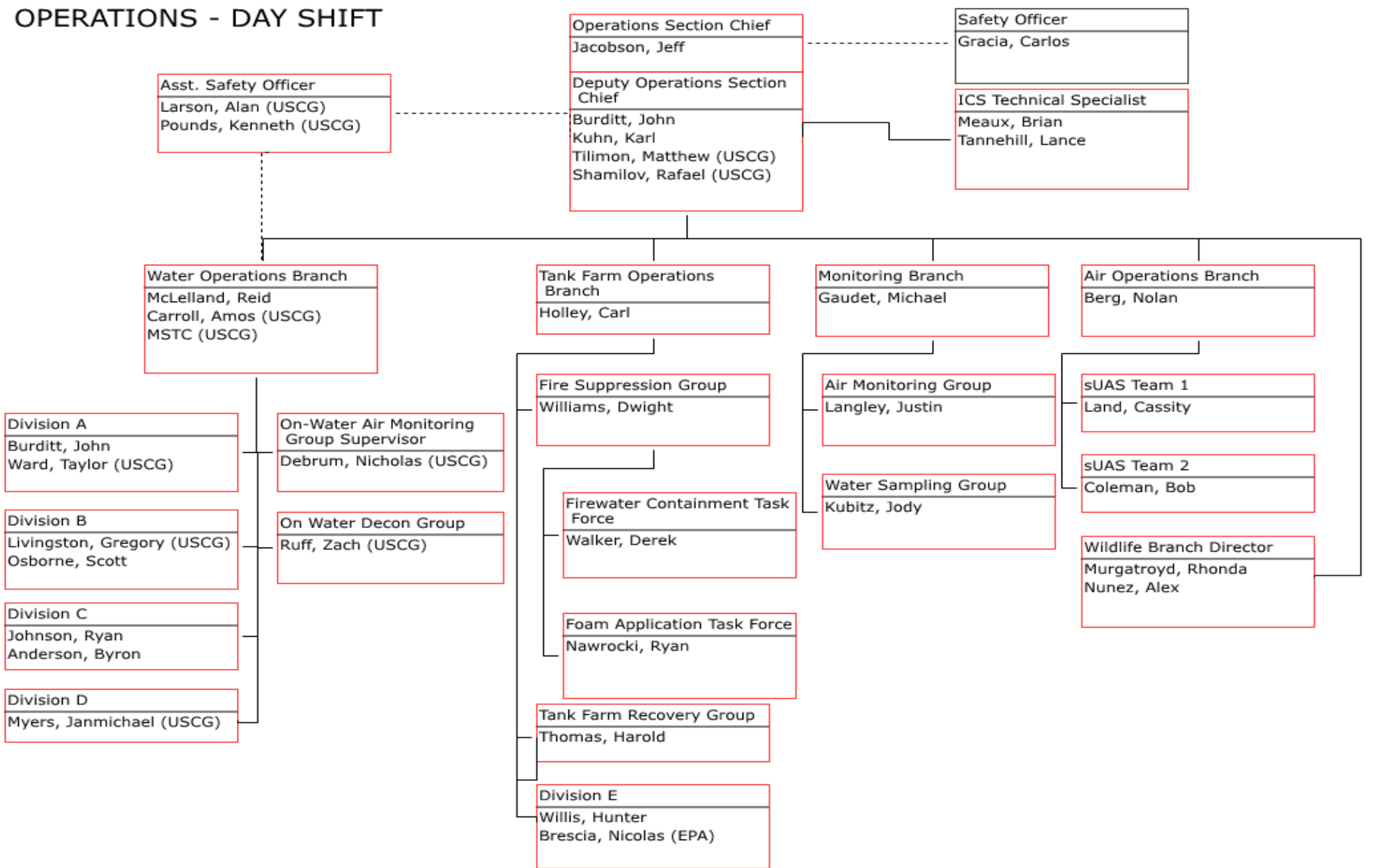
ICS 206 - Medical Plan				Version Name: Division C On Water Operations				
Incident Name: 2nd 80's Fire				Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]				
Medical Aid Stations								
<i>Name</i>	<i>Location</i>	<i>Paramedic On Site</i>	<i>Phone</i>	<i>Radio</i>				
Staging Area - OMI River	-95.10154 29.78214	<input checked="" type="checkbox"/>						
Transportation (Ground and/or Air Ambulance Services)								
<i>Ambulance Service</i>	<i>Location</i>	<i>Phone</i>	<i>Radio</i>	<i>Air</i>	<i>ALS</i>			
Acadian Ambulance Dispatch Center	-94.14665 29.99906	Ph1: (409) 833-3800		<input type="checkbox"/>	<input type="checkbox"/>			
Acadian Ambulance Supervisor 470	-95.10154 29.78214	Ph1: (832) 210-4279		<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Hospitals								
<i>Hospital</i>	<i>Location</i>	<i>Phone</i>	<i>Radio</i>	<i>Air Travel Time</i>	<i>Ground Travel Time</i>	<i>Trauma Center</i>	<i>Helipad</i>	<i>Burn Center</i>
Houston Healthcare Southeast	4000 Spencer Hwy Pasadena, TX 77504 -95.18378 29.66124	713-359-1440		15 min	15 min	III	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UTMB	3737 Red Bluff Rd #150 Pasadena, TX 77503 -95.15567 29.68583	409-772-2002		15 min	15 min	I	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Houston Healthcare Clear Lake	500 W. Medical Center Blvd, Webster, TX 77598 Webster, TX 77598 -95.12773 29.5413	281-338-3708		15 min	30 min	II	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Houston Methodist Baytown	4401 Garth Road Baytown, TX 77521 -94.9796 29.76916	281-420-8851 281-420-8600		15 min	30 min		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Surgery Specialty Hospital of America-Southeast Houston	4301 B Vista Pasadena, TX 77504 -95.1779 29.65913	713-378-2068 713-378-3000		15 min	15 min	II	<input type="checkbox"/>	<input type="checkbox"/>
Advanced Diagnostic Hospital East	12950 East Freeway Ste.100 Houston, TX 77015 -95.20044 29.77054	903-240-5893		15 min	15 min		<input type="checkbox"/>	<input type="checkbox"/>
ICS 206 - Medical Plan				Prepared By Planning, Updated 03/25/2019 16:50 UTC -6:00 PP				
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ICS 206 - Medical Plan		Version Name: Division C On Water Operations	
Incident Name: 2nd 80's Fire		Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Special Medical Emergency Procedures			
<p>Deliver First Aid if trained in accordance with your training.</p> <p>1. Acadian Ambulance staged 01 Advanced Life Support Ambulance at Staging Area - OMI River; Address - River Terrace Park 16550 Market Street Channelview, TX 77530</p> <p>2. Call Acadian Ambulance Dispatch at (409) 833-3800 to notify Ambulance of incoming medical or trauma case</p> <p>Conduct immediate notifications through supervisor and Safety Officer via Chain of Command per ICS 202b Unified Command Critical Threshold Reporting Criteria for:</p> <p>Injury or Deathv</p> <p> OSHA/Greater than 1st Aid through Safety Officer</p> <p>SDS available and copies made to send with ambulance.</p> <p>Decontamination must take place prior to transport.</p> <p>Helipad/air operations will take place on Independence Road immediately across from CIMA Incident Command Post.</p>			
ICS 206 - Medical Plan		Prepared By Planning, Updated 03/25/2019 16:50 UTC -6:00 PP	
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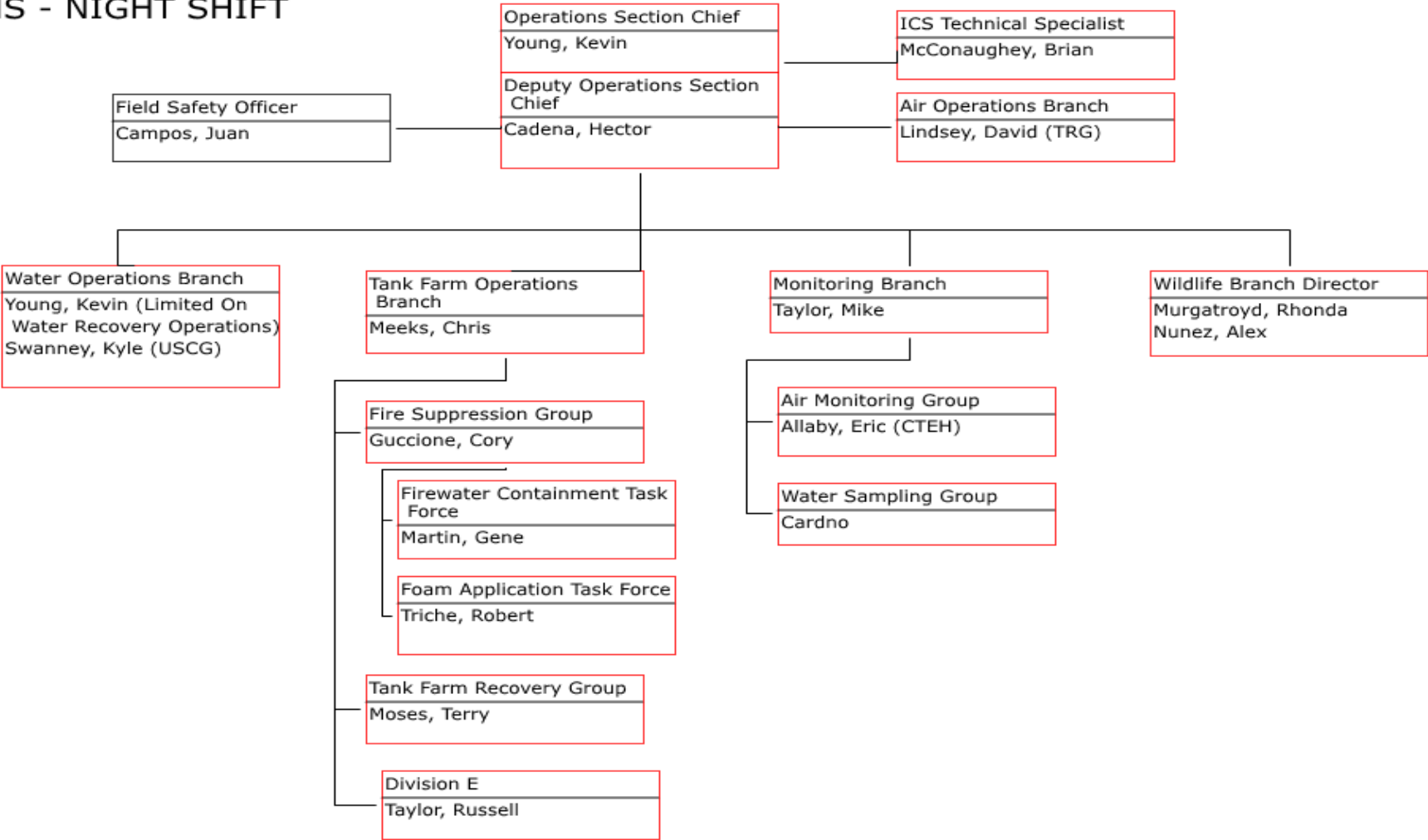
ICS 206 - Medical Plan				Version Name: Division D On Water Operations				
Incident Name: 2nd 80's Fire				Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]				
Medical Aid Stations								
<i>Name</i>	<i>Location</i>	<i>Paramedic On Site</i>	<i>Phone</i>	<i>Radio</i>				
Staging Area - OMI River	-95.10154 29.78214	<input checked="" type="checkbox"/>						
Transportation (Ground and/or Air Ambulance Services)								
<i>Ambulance Service</i>	<i>Location</i>	<i>Phone</i>	<i>Radio</i>	<i>Air</i>	<i>ALS</i>			
Acadian Ambulance Dispatch Center	-94.14665 29.99906	Ph1: (409) 833-3800		<input type="checkbox"/>	<input type="checkbox"/>			
Acadian Ambulance Supervisor 470	-95.10154 29.78214	Ph1: (832) 210-4279		<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Hospitals								
<i>Hospital</i>	<i>Location</i>	<i>Phone</i>	<i>Radio</i>	<i>Air Travel Time</i>	<i>Ground Travel Time</i>	<i>Trauma Center</i>	<i>Helipad</i>	<i>Burn Center</i>
Houston Healthcare Southeast	4000 Spencer Hwy Pasadena, TX 77504 -95.18378 29.66124	713-359-1440		15 min	15 min	III	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UTMB	3737 Red Bluff Rd #150 Pasadena, TX 77503 -95.15567 29.68583	409-772-2002		15 min	15 min	I	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Houston Healthcare Clear Lake	500 W. Medical Center Blvd, Webster, TX 77598 Webster, TX 77598 -95.12773 29.5413	281-338-3708		15 min	30 min	II	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Houston Methodist Baytown	4401 Garth Road Baytown, TX 77521 -94.9796 29.76916	281-420-8851 281-420-8600		15 min	30 min		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Surgery Specialty Hospital of America-Southeast Houston	4301 B Vista Pasadena, TX 77504 -95.1779 29.65913	713-378-2068 713-378-3000		15 min	15 min	II	<input type="checkbox"/>	<input type="checkbox"/>
Advanced Diagnostic Hospital East	12950 East Freeway Ste.100 Houston, TX 77015 -95.20044 29.77054	903-240-5893		15 min	15 min		<input type="checkbox"/>	<input type="checkbox"/>
ICS 206 - Medical Plan				Prepared By Planning, Updated 03/25/2019 16:51 UTC -6:00 PP				
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/28/2019 23:07 UTC -6:00		Page 65 of 105			© TRG		

ICS 206 - Medical Plan		Version Name: Division D On Water Operations	
Incident Name: 2nd 80's Fire		Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Special Medical Emergency Procedures			
<div>Deliver First Aid if trained in accordance with your training.</div> <div>1. Acadian Ambulance staged 01 Advanced Life Support Ambulance at Staging Area - OMI River; Address - River Terrace Park 16550 Market Street Channelview, TX 77530</div> <div>2. Call Acadian Ambulance Dispatch at (409) 833-3800 to notify Ambulance of incoming medical or trauma case</div> <div>Conduct immediate notifications through supervisor and Safety Officer via Chain of Command per ICS 202b Unified Command Critical Threshold Reporting Criteria for:</div> <div>Injury or Deathv</div> <div> OSHA/Greater than 1st Aid through Safety Officer</div> <div>SDS available and copies made to send with ambulance.</div> <div>Decontamination must take place prior to transport.</div> <div>Helipad/air operations will take place on Independence Road immediately across from CIMA Incident Command Post.</div>			
ICS 206 - Medical Plan		Prepared By Planning, Updated 03/25/2019 16:51 UTC -6:00 PP	
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OPERATIONS - DAY SHIFT



OPERATIONS - NIGHT SHIFT

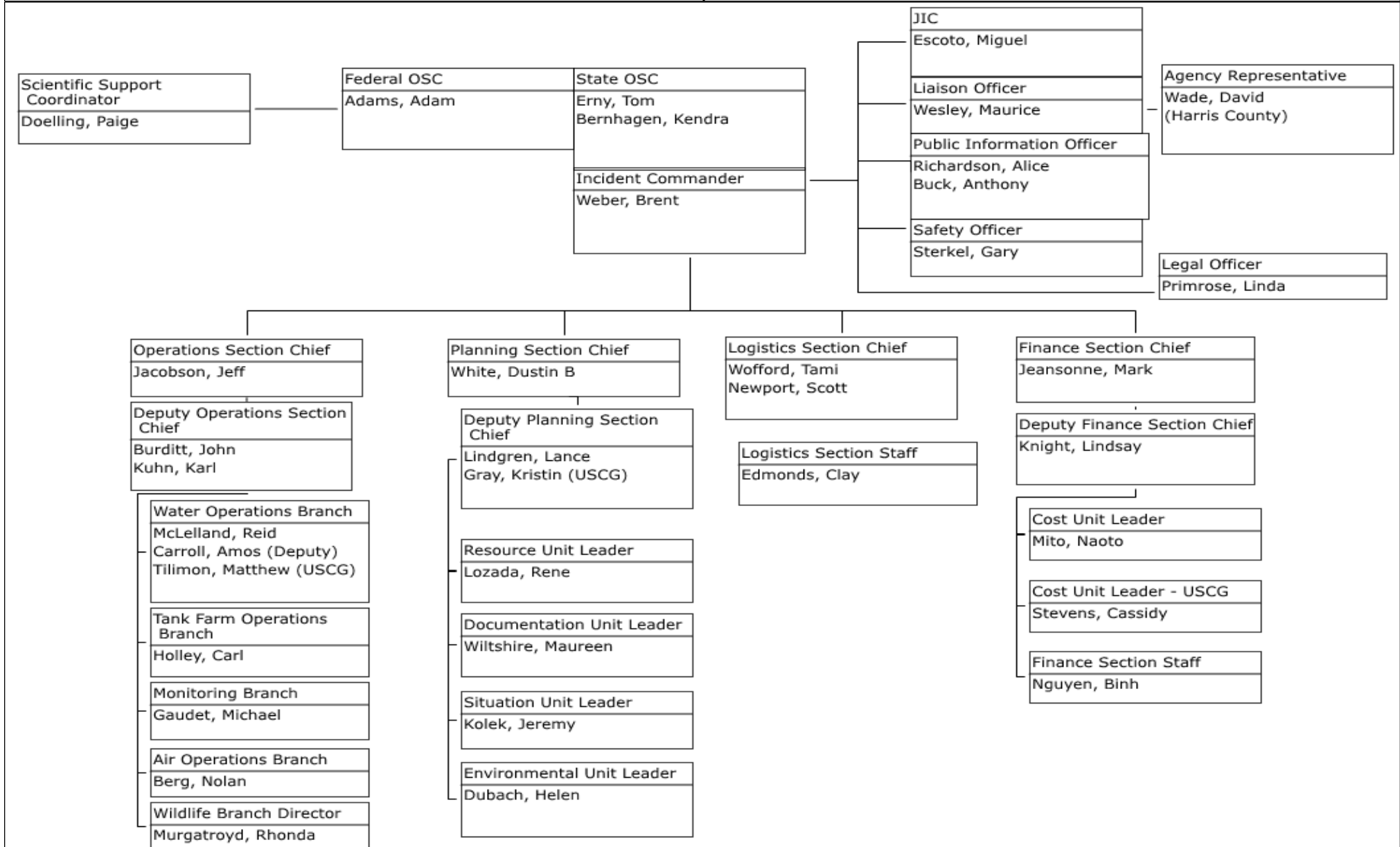


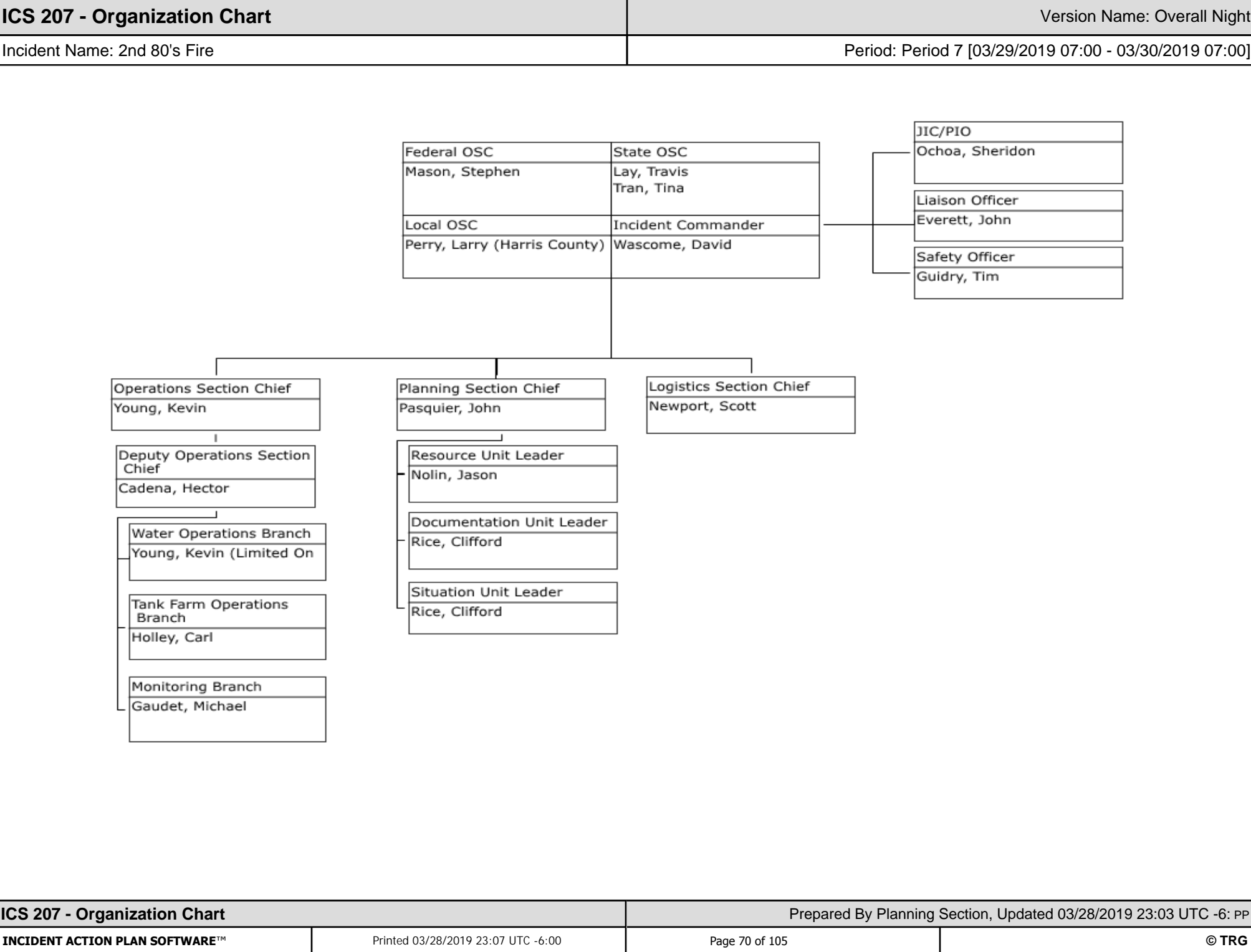
ICS 207 - Organization Chart

Version Name: Overall Day

Incident Name: 2nd 80's Fire

Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]





ICS 208 - Site Safety Plan					Version Name: Tank Farm Operations				
Incident Name: 2nd 80's Fire					Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]				
Applies to Site: Division E									
Site Characterization									
Water		Land		Weather		Mostly Cloudy			
Wave Height		Land Use		Air Temp		68 Fahrenheit			
Speed		0.48 knot (s)		Wind Speed		0 mph			
Direction		NNW		Direction		SSE			
Site Hazards									
Yes	No	Hazards	Yes	No	Hazards	Yes	No	Hazards	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Boat Safety	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fire, Explosion, In-situ Burning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pump Hose	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Hazards	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Heat Stress	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Slips, Trips, and Falls	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cold Stress	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Helicopter Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Steam and Hot Water	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Confined Spaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lifting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Trenching/Excavation	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drum Handling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Motor Vehicles	<input checked="" type="checkbox"/>	<input type="checkbox"/>	UV Radiation	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Equipment Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Visibility	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Electrical Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Overhead/Buried Utilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Weather	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fatigue	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Plants/Wildlife	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Work Near Water	
Air Monitoring Limits									
Oxygen Level		Outside 19.5-23.5	Hydrogen Sulfide		10 ppm	Total Hydrocarbons		50 ppm	
LEL		Greater than 10%	Benzene		.5 ppm				
Engineering Controls									
<input type="checkbox"/>	Source of release secured		<input checked="" type="checkbox"/>	Valve(s) closed		<input checked="" type="checkbox"/>	Energy sources locked/tagged out		
<input checked="" type="checkbox"/>	Site secured		<input checked="" type="checkbox"/>	Facility shut down					
Personal Protective Equipment Required									
<input type="checkbox"/>	Impervious suit		<input checked="" type="checkbox"/>	Flame resistant clothing		<input checked="" type="checkbox"/>	Eye protection		
<input checked="" type="checkbox"/>	Inner gloves		<input checked="" type="checkbox"/>	Hard hats		<input type="checkbox"/>	Personal flotation		
<input checked="" type="checkbox"/>	Outer gloves		<input checked="" type="checkbox"/>	Respirators		<input checked="" type="checkbox"/>	Boots		
Additional Control Measures Established									
<input checked="" type="checkbox"/>	Decontamination		<input checked="" type="checkbox"/>	Illumination		<input checked="" type="checkbox"/>	Additional stations established		
<input checked="" type="checkbox"/>	Sanitation		<input checked="" type="checkbox"/>	Medical surveillance		<input checked="" type="checkbox"/>	Facilities provided		
Work Plan									
<input type="checkbox"/>	Booming		<input type="checkbox"/>	Excavation		<input type="checkbox"/>	Hot work		
<input type="checkbox"/>	Skimming		<input checked="" type="checkbox"/>	Heavy equipment		<input type="checkbox"/>	Appropriate permits used		
<input checked="" type="checkbox"/>	Vac trucks		<input checked="" type="checkbox"/>	Sorbent pads					
<input checked="" type="checkbox"/>	Pumping		<input type="checkbox"/>	Patching					
Training									
<input checked="" type="checkbox"/>	Verified site workers trained per local/federal regulatory requirements			Training Requirements		HAZWOPER			
ICS 208 - Site Safety Plan					Prepared By Safety Officer, Updated 03/28/2019 10:39 UTC -6:00 PP				
INCIDENT ACTION PLAN SOFTWARE™		Printed 03/28/2019 23:07 UTC -6:00			Page 71 of 105			© TRG	

ICS 208 - Site Safety Plan				Version Name: Tank Farm Operations			
Incident Name: 2nd 80's Fire				Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]			
Organization							
<i>Position</i>		<i>Name</i>		<i>Telephone/Radio</i>		<i>Position</i>	
Incident Commander		Weber, Brent		(225) 806-5136		Operations Section Chief	
Safety Officer		Collins, Ray		713-614-8550			
Emergency Plan							
<input checked="" type="checkbox"/>	Fire Prevention Plan			<input checked="" type="checkbox"/>	Evacuation Plan		
<input checked="" type="checkbox"/>	Alarm System			<input checked="" type="checkbox"/>	First Aid Location		
Notifications							
<i>Facility</i>				<i>Phone</i>		<i>Facility</i>	
<input checked="" type="checkbox"/>	Hospital	Houston Healthcare Southeast		713-359-1440		<input checked="" type="checkbox"/>	Fire
<input checked="" type="checkbox"/>	Ambulance	Deer Park VFD		911/281-479-1511		<input checked="" type="checkbox"/>	Law Enforcement
<input type="checkbox"/>	Air Ambulance	Deer Park VFD		911/281-479-1511		<input checked="" type="checkbox"/>	Emergency Response/Rescue
Initial Briefing							
<input checked="" type="checkbox"/>	Initial safety briefing prepared for each site						
Attachments/Appendices							
Attachment				Filename			
Gasoline Blendstock - Copy.pdf				Gasoline Blendstock - Copy.pdf			
Gasoline Blendstock.pdf				Gasoline Blendstock.pdf			
Marathon Petroleum Xylene - Copy.pdf				Marathon Petroleum Xylene - Copy.pdf			
PYROLYSIS GASOLINE - Copy.pdf				PYROLYSIS GASOLINE - Copy.pdf			
Toluene Commercial Grade - Copy.pdf				Toluene Commercial Grade - Copy.pdf			
YUBASE 4 plus - Copy.pdf				YUBASE 4 plus - Copy.pdf			
YUBASE 6 - Copy.pdf				YUBASE 6 - Copy.pdf			
ICS 208 - Site Safety Plan				Prepared By Safety Officer, Updated 03/28/2019 10:39 UTC -6:00 PP			
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ICS 208 - Site Safety Plan				Version Name: On-Water Decon Group				
Incident Name: 2nd 80's Fire				Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]				
Applies to Site: On-Water Decon Group								
Site Characterization								
Water		Land		Weather		Partly Cloudy		
Wave Height		Land Use		Air Temp		65 Fahrenheit		
Speed		0.48 knot (s)		Wind Speed				
Direction		NNW		Direction				
Site Hazards								
Yes	No	Hazards	Yes	No	Hazards	Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Boat Safety	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Fire, Explosion, In-situ Burning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Hazards	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Heat Stress	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cold Stress	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Helicopter Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Confined Spaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lifting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drum Handling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Motor Vehicles	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Equipment Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Electrical Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Overhead/Buried Utilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fatigue	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Plants/Wildlife	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Air Monitoring Limits								
Oxygen Level		Outside 19.5-23.5	Hydrogen Sulfide		10 ppm	Total Hydrocarbons		
LEL		Greater than 10%	Benzene		.5 ppm			
Engineering Controls								
<input checked="" type="checkbox"/>	Source of release secured		<input checked="" type="checkbox"/>	Valve(s) closed		<input checked="" type="checkbox"/>	Energy sources locked/tagged out	
<input checked="" type="checkbox"/>	Site secured		<input checked="" type="checkbox"/>	Facility shut down				
Personal Protective Equipment Required								
<input type="checkbox"/>	Impervious suit		<input checked="" type="checkbox"/>	Flame resistant clothing		<input checked="" type="checkbox"/>	Eye protection	
<input checked="" type="checkbox"/>	Inner gloves		<input checked="" type="checkbox"/>	Hard hats		<input type="checkbox"/>	Personal flotation	
<input checked="" type="checkbox"/>	Outer gloves		<input checked="" type="checkbox"/>	Respirators		<input checked="" type="checkbox"/>	Boots	
Additional Control Measures Established								
<input checked="" type="checkbox"/>	Decontamination		<input checked="" type="checkbox"/>	Illumination		<input checked="" type="checkbox"/>	Additional stations established	
<input checked="" type="checkbox"/>	Sanitation		<input checked="" type="checkbox"/>	Medical surveillance		<input checked="" type="checkbox"/>	Facilities provided	
Work Plan								
<input checked="" type="checkbox"/>	Booming		<input type="checkbox"/>	Excavation		<input type="checkbox"/>	Hot work	
<input checked="" type="checkbox"/>	Skimming		<input checked="" type="checkbox"/>	Heavy equipment		<input type="checkbox"/>	Appropriate permits used	
<input checked="" type="checkbox"/>	Vac trucks		<input checked="" type="checkbox"/>	Sorbent pads				
<input checked="" type="checkbox"/>	Pumping		<input type="checkbox"/>	Patching				
Training								
<input checked="" type="checkbox"/>	Verified site workers trained per local/federal regulatory requirements			Training Requirements		HAZWOPER		
ICS 208 - Site Safety Plan								
Prepared By Safety Officer, Updated 03/27/2019 17:32 UTC -6:00 PP								
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ICS 208 - Site Safety Plan				Version Name: On-Water Decon Group			
Incident Name: 2nd 80's Fire				Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]			
Organization							
<i>Position</i>	<i>Name</i>	<i>Telephone/Radio</i>	<i>Position</i>	<i>Name</i>	<i>Telephone/Radio</i>		
Incident Commander	Weber, Brent	(225) 806-5136	Water Operations Branch Supervisor	McLelland, Reid	281-838-7567		
Safety Officer (Water Operations)	Larson, Alan	786-973-1225	Water Operations Branch Supervisor (USCG)	Tilimon, Matthew	832-256-3261		
Operations Section Chief	Jacobson, Jeff	713-516-6916					
Emergency Plan							
<input checked="" type="checkbox"/>	Fire Prevention Plan	<input checked="" type="checkbox"/>	Evacuation Plan				
<input checked="" type="checkbox"/>	Alarm System	<input checked="" type="checkbox"/>	First Aid Location				
Notifications							
<i>Facility</i>		<i>Phone</i>	<i>Facility</i>		<i>Phone</i>		
<input type="checkbox"/>	Hospital	Houston Healthcare Southeast	713-359-1440	<input checked="" type="checkbox"/>	Fire	Channelview FD	911 / (281) 452-5782
<input checked="" type="checkbox"/>	Ambulance	Acadian Ambulance - In Staging Area	409-833-3800	<input checked="" type="checkbox"/>	Law Enforcement	Harris County Sheriff	(713) 637-0014
<input checked="" type="checkbox"/>	Air Ambulance	Channelview FD	911 / (281) 452-5782	<input type="checkbox"/>	Emergency Response/Rescue		
Initial Briefing							
<input checked="" type="checkbox"/>	Initial safety briefing prepared for each site						
Attachments/Appendices							
Attachment			Filename				
ICS208 SSP On Water Operations Branch 24MAR19			FormPDF.pdf				
ICS 208 - Site Safety Plan				Prepared By Safety Officer, Updated 03/27/2019 17:32 UTC -6:00 PP			
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ICS 208 - Site Safety Plan				Version Name: Division A On Water Operations				
Incident Name: 2nd 80's Fire				Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]				
Applies to Site: Division A								
Site Characterization								
Water		Land		Weather		Partly Cloudy		
Wave Height		Land Use		Air Temp		65 Fahrenheit		
Speed				Wind Speed				
Direction				Direction				
Site Hazards								
Yes	No	Hazards	Yes	No	Hazards	Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Boat Safety	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Fire, Explosion, In-situ Burning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Hazards	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Heat Stress	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cold Stress	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Helicopter Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Confined Spaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lifting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drum Handling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Motor Vehicles	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Equipment Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Electrical Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Overhead/Buried Utilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fatigue	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plants/Wildlife	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Air Monitoring Limits								
Oxygen Level		Outside 19.5-23.5	Hydrogen Sulfide		10 ppm	Total Hydrocarbons		
LEL		Greater than 10%	Benzene		.5 ppm			
Engineering Controls								
<input checked="" type="checkbox"/>	Source of release secured		<input checked="" type="checkbox"/>	Valve(s) closed		<input checked="" type="checkbox"/>	Energy sources locked/tagged out	
<input checked="" type="checkbox"/>	Site secured		<input checked="" type="checkbox"/>	Facility shut down				
Personal Protective Equipment Required								
<input type="checkbox"/>	Impervious suit		<input checked="" type="checkbox"/>	Flame resistant clothing		<input checked="" type="checkbox"/>	Eye protection	
<input checked="" type="checkbox"/>	Inner gloves		<input checked="" type="checkbox"/>	Hard hats		<input checked="" type="checkbox"/>	Personal flotation	
<input checked="" type="checkbox"/>	Outer gloves		<input checked="" type="checkbox"/>	Respirators		<input checked="" type="checkbox"/>	Boots	
Additional Control Measures Established								
<input checked="" type="checkbox"/>	Decontamination		<input checked="" type="checkbox"/>	Illumination		<input checked="" type="checkbox"/>	Additional stations established	
<input checked="" type="checkbox"/>	Sanitation		<input checked="" type="checkbox"/>	Medical surveillance		<input checked="" type="checkbox"/>	Facilities provided	
Work Plan								
<input checked="" type="checkbox"/>	Booming		<input type="checkbox"/>	Excavation		<input type="checkbox"/>	Hot work	
<input checked="" type="checkbox"/>	Skimming		<input checked="" type="checkbox"/>	Heavy equipment		<input type="checkbox"/>	Appropriate permits used	
<input checked="" type="checkbox"/>	Vac trucks		<input checked="" type="checkbox"/>	Sorbent pads				
<input checked="" type="checkbox"/>	Pumping		<input type="checkbox"/>	Patching				
Training								
<input checked="" type="checkbox"/>	Verified site workers trained per local/federal regulatory requirements			Training Requirements		HAZWOPER		
ICS 208 - Site Safety Plan				Prepared By Safety Officer, Updated 03/27/2019 17:24 UTC -6:00 PP				
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ICS 208 - Site Safety Plan				Version Name: Division A On Water Operations			
Incident Name: 2nd 80's Fire				Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]			
Organization							
<i>Position</i>	<i>Name</i>	<i>Telephone/Radio</i>	<i>Position</i>	<i>Name</i>	<i>Telephone/Radio</i>		
Incident Commander	Weber, Brent	(225) 806-5136	Water Operations Branch Supervisor	McLelland, Reid	281-838-7567		
Safety Officer (Water Operations)	Larson, Alan	786-973-1225	Water Operations Branch Supervisor (USCG)	Tilimon, Matthew	832-256-3261		
Operations Section Chief	Jacobson, Jeff	713-516-6916					
Emergency Plan							
<input checked="" type="checkbox"/>	Fire Prevention Plan	<input checked="" type="checkbox"/>	Evacuation Plan				
<input checked="" type="checkbox"/>	Alarm System	<input checked="" type="checkbox"/>	First Aid Location				
Notifications							
<i>Facility</i>		<i>Phone</i>	<i>Facility</i>		<i>Phone</i>		
<input checked="" type="checkbox"/>	Hospital	Houston Healthcare Southeast	713-359-1440	<input checked="" type="checkbox"/>	Fire	Channelview FD	911 / (281) 452-5782
<input checked="" type="checkbox"/>	Ambulance	Acadian Ambulance - In Staging Area	409-833-3800	<input checked="" type="checkbox"/>	Law Enforcement	Harris County Sheriff	(713) 637-0014
<input checked="" type="checkbox"/>	Air Ambulance	Channelview FD	911 / (281) 452-5782	<input type="checkbox"/>	Emergency Response/Rescue		
Initial Briefing							
<input checked="" type="checkbox"/>	Initial safety briefing prepared for each site						
Attachments/Appendices							
Attachment			Filename				
ICS208 SSP On Water Operations Branch 24MAR19			FormPDF.pdf				
ICS 208 - Site Safety Plan				Prepared By Safety Officer, Updated 03/27/2019 17:24 UTC -6:00 PP			
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ICS 208 - Site Safety Plan				Version Name: Division B On Water Operations				
Incident Name: 2nd 80's Fire				Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]				
Applies to Site: Division B								
Site Characterization								
Water		Land		Weather		Partly Cloudy		
Wave Height		Land Use		Air Temp		65 Fahrenheit		
Speed 0.48 knot (s)				Wind Speed				
Direction NNW				Direction				
Site Hazards								
Yes	No	Hazards	Yes	No	Hazards	Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Boat Safety	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Fire, Explosion, In-situ Burning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Hazards	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Heat Stress	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cold Stress	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Helicopter Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Confined Spaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lifting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drum Handling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Motor Vehicles	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Equipment Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Electrical Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Overhead/Buried Utilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fatigue	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plants/Wildlife	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Air Monitoring Limits								
Oxygen Level		Outside 19.5-23.5	Hydrogen Sulfide		10 ppm	Total Hydrocarbons		
LEL		Greater than 10%	Benzene		.5 ppm			
Engineering Controls								
<input checked="" type="checkbox"/>	Source of release secured		<input checked="" type="checkbox"/>	Valve(s) closed		<input checked="" type="checkbox"/>	Energy sources locked/tagged out	
<input checked="" type="checkbox"/>	Site secured		<input checked="" type="checkbox"/>	Facility shut down				
Personal Protective Equipment Required								
<input type="checkbox"/>	Impervious suit		<input checked="" type="checkbox"/>	Flame resistant clothing		<input checked="" type="checkbox"/>	Eye protection	
<input checked="" type="checkbox"/>	Inner gloves		<input checked="" type="checkbox"/>	Hard hats		<input type="checkbox"/>	Personal flotation	
<input checked="" type="checkbox"/>	Outer gloves		<input checked="" type="checkbox"/>	Respirators		<input checked="" type="checkbox"/>	Boots	
Additional Control Measures Established								
<input checked="" type="checkbox"/>	Decontamination		<input checked="" type="checkbox"/>	Illumination		<input checked="" type="checkbox"/>	Additional stations established	
<input checked="" type="checkbox"/>	Sanitation		<input checked="" type="checkbox"/>	Medical surveillance		<input checked="" type="checkbox"/>	Facilities provided	
Work Plan								
<input checked="" type="checkbox"/>	Booming		<input type="checkbox"/>	Excavation		<input type="checkbox"/>	Hot work	
<input checked="" type="checkbox"/>	Skimming		<input checked="" type="checkbox"/>	Heavy equipment		<input type="checkbox"/>	Appropriate permits used	
<input checked="" type="checkbox"/>	Vac trucks		<input checked="" type="checkbox"/>	Sorbent pads				
<input checked="" type="checkbox"/>	Pumping		<input type="checkbox"/>	Patching				
Training								
<input checked="" type="checkbox"/>	Verified site workers trained per local/federal regulatory requirements			Training Requirements		HAZWOPER		
ICS 208 - Site Safety Plan				Prepared By Safety Officer, Updated 03/27/2019 17:26 UTC -6:00 PP				
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ICS 208 - Site Safety Plan				Version Name: Division B On Water Operations			
Incident Name: 2nd 80's Fire				Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]			
Organization							
<i>Position</i>	<i>Name</i>	<i>Telephone/Radio</i>	<i>Position</i>	<i>Name</i>	<i>Telephone/Radio</i>		
Incident Commander	Weber, Brent	(225) 806-5136	Water Operations Branch Supervisor	McLelland, Reid	281-838-7567		
Safety Officer (Water Operations)	Iarson		Water Operations Branch Supervisor (USCG)	Tilimon, Matthew	832-256-3261		
Operations Section Chief	Jacobson, Jeff	713-516-6916					
Emergency Plan							
<input checked="" type="checkbox"/>	Fire Prevention Plan	<input checked="" type="checkbox"/>	Evacuation Plan				
<input checked="" type="checkbox"/>	Alarm System	<input checked="" type="checkbox"/>	First Aid Location				
Notifications							
<i>Facility</i>		<i>Phone</i>	<i>Facility</i>		<i>Phone</i>		
<input checked="" type="checkbox"/>	Hospital	Houston Healthcare Southeast	713-359-1440	<input checked="" type="checkbox"/>	Fire	Channelview FD	911
<input checked="" type="checkbox"/>	Ambulance	Acadian Ambulance - In Staging Area	409-833-3800	<input checked="" type="checkbox"/>	Law Enforcement	Harris County Sheriff	(713) 637-0014
<input checked="" type="checkbox"/>	Air Ambulance	Channelview FD	911	<input type="checkbox"/>	Emergency Response/Rescue		
Initial Briefing							
<input checked="" type="checkbox"/>	Initial safety briefing prepared for each site						
Attachments/Appendices							
Attachment			Filename				
ICS208 SSP On Water Operations Branch 24MAR19			FormPDF.pdf				
ICS 208 - Site Safety Plan				Prepared By Safety Officer, Updated 03/27/2019 17:26 UTC -6:00 PP			
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ICS 208 - Site Safety Plan				Version Name: Division C On Water Operations				
Incident Name: 2nd 80's Fire				Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]				
Applies to Site: Division C								
Site Characterization								
Water		Land		Weather		Partly Cloudy		
Wave Height		Land Use		Air Temp		65 Fahrenheit		
Speed		0.48 knot (s)		Wind Speed				
Direction		NNW		Direction				
Site Hazards								
Yes	No	Hazards	Yes	No	Hazards	Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Boat Safety	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fire, Explosion, In-situ Burning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Hazards	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Heat Stress	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cold Stress	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Helicopter Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Confined Spaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lifting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drum Handling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Motor Vehicles	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Equipment Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Electrical Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Overhead/Buried Utilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fatigue	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plants/Wildlife	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Air Monitoring Limits								
Oxygen Level		Outside 19.5-23.5	Hydrogen Sulfide		10 ppm	Total Hydrocarbons		
LEL		Greater than 10%	Benzene		.5 ppm			
Engineering Controls								
<input checked="" type="checkbox"/>	Source of release secured		<input checked="" type="checkbox"/>	Valve(s) closed		<input checked="" type="checkbox"/>	Energy sources locked/tagged out	
<input checked="" type="checkbox"/>	Site secured		<input checked="" type="checkbox"/>	Facility shut down				
Personal Protective Equipment Required								
<input type="checkbox"/>	Impervious suit		<input checked="" type="checkbox"/>	Flame resistant clothing		<input checked="" type="checkbox"/>	Eye protection	
<input checked="" type="checkbox"/>	Inner gloves		<input checked="" type="checkbox"/>	Hard hats		<input checked="" type="checkbox"/>	Personal flotation	
<input checked="" type="checkbox"/>	Outer gloves		<input checked="" type="checkbox"/>	Respirators		<input checked="" type="checkbox"/>	Boots	
Additional Control Measures Established								
<input checked="" type="checkbox"/>	Decontamination		<input checked="" type="checkbox"/>	Illumination		<input checked="" type="checkbox"/>	Additional stations established	
<input checked="" type="checkbox"/>	Sanitation		<input checked="" type="checkbox"/>	Medical surveillance		<input checked="" type="checkbox"/>	Facilities provided	
Work Plan								
<input checked="" type="checkbox"/>	Booming		<input type="checkbox"/>	Excavation		<input type="checkbox"/>	Hot work	
<input checked="" type="checkbox"/>	Skimming		<input checked="" type="checkbox"/>	Heavy equipment		<input type="checkbox"/>	Appropriate permits used	
<input checked="" type="checkbox"/>	Vac trucks		<input checked="" type="checkbox"/>	Sorbent pads				
<input checked="" type="checkbox"/>	Pumping		<input type="checkbox"/>	Patching				
Training								
<input checked="" type="checkbox"/>	Verified site workers trained per local/federal regulatory requirements			Training Requirements		HAZWOPER		
ICS 208 - Site Safety Plan								
Prepared By Safety Officer, Updated 03/27/2019 17:28 UTC -6:00 PP								
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ICS 208 - Site Safety Plan				Version Name: Division C On Water Operations			
Incident Name: 2nd 80's Fire				Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]			
Organization							
<i>Position</i>	<i>Name</i>	<i>Telephone/Radio</i>	<i>Position</i>	<i>Name</i>	<i>Telephone/Radio</i>		
Incident Commander	Weber, Brent	(225) 806-5136	Water Operations Branch Supervisor	McLelland, Reid	281-838-7567		
Safety Officer (Water Operations)	Larson, Alan	786-973-1225	Water Operations Branch Supervisor (USCG)	Tilimon, Matthew	832-256-3261		
Operations Section Chief	Jacobson, Jeff	713-516-6916					
Emergency Plan							
<input checked="" type="checkbox"/>	Fire Prevention Plan	<input checked="" type="checkbox"/>	Evacuation Plan				
<input checked="" type="checkbox"/>	Alarm System	<input checked="" type="checkbox"/>	First Aid Location				
Notifications							
<i>Facility</i>		<i>Phone</i>	<i>Facility</i>		<i>Phone</i>		
<input type="checkbox"/>	Hospital	Houston Healthcare Southeast	713-359-1440	<input checked="" type="checkbox"/>	Fire	Channelview FD	911
<input checked="" type="checkbox"/>	Ambulance	Acadian Ambulance - In Staging Area	409-833-3800	<input checked="" type="checkbox"/>	Law Enforcement	Harris County Sheriff	(713) 637-0014
<input checked="" type="checkbox"/>	Air Ambulance	Channelview FD	911	<input type="checkbox"/>	Emergency Response/Rescue		
Initial Briefing							
<input checked="" type="checkbox"/>	Initial safety briefing prepared for each site						
Attachments/Appendices							
Attachment			Filename				
ICS208 SSP On Water Operations Branch 24MAR19			FormPDF.pdf				
ICS 208 - Site Safety Plan				Prepared By Safety Officer, Updated 03/27/2019 17:28 UTC -6:00 PP			
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ICS 208 - Site Safety Plan				Version Name: Division D On Water Operations				
Incident Name: 2nd 80's Fire				Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]				
Applies to Site: Division D								
Site Characterization								
Water		Land		Weather		Partly Cloudy		
Wave Height		Land Use		Air Temp		65 Fahrenheit		
Speed 0.48 knot (s)				Wind Speed				
Direction NNW				Direction				
Site Hazards								
Yes	No	Hazards	Yes	No	Hazards	Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Boat Safety	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fire, Explosion, In-situ Burning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Hazards	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Heat Stress	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cold Stress	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Helicopter Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Confined Spaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lifting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drum Handling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Motor Vehicles	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Equipment Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Electrical Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Overhead/Buried Utilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fatigue	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plants/Wildlife	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Air Monitoring Limits								
Oxygen Level		Outside 19.5-23.5	Hydrogen Sulfide		10 ppm	Total Hydrocarbons		
LEL		Greater than 10%	Benzene		.5 ppm			
Engineering Controls								
<input checked="" type="checkbox"/>	Source of release secured		<input checked="" type="checkbox"/>	Valve(s) closed		<input checked="" type="checkbox"/>	Energy sources locked/tagged out	
<input checked="" type="checkbox"/>	Site secured		<input checked="" type="checkbox"/>	Facility shut down				
Personal Protective Equipment Required								
<input type="checkbox"/>	Impervious suit		<input checked="" type="checkbox"/>	Flame resistant clothing		<input checked="" type="checkbox"/>	Eye protection	
<input checked="" type="checkbox"/>	Inner gloves		<input checked="" type="checkbox"/>	Hard hats		<input type="checkbox"/>	Personal flotation	
<input checked="" type="checkbox"/>	Outer gloves		<input checked="" type="checkbox"/>	Respirators		<input checked="" type="checkbox"/>	Boots	
Additional Control Measures Established								
<input checked="" type="checkbox"/>	Decontamination		<input checked="" type="checkbox"/>	Illumination		<input checked="" type="checkbox"/>	Additional stations established	
<input checked="" type="checkbox"/>	Sanitation		<input checked="" type="checkbox"/>	Medical surveillance		<input checked="" type="checkbox"/>	Facilities provided	
Work Plan								
<input checked="" type="checkbox"/>	Booming		<input type="checkbox"/>	Excavation		<input type="checkbox"/>	Hot work	
<input checked="" type="checkbox"/>	Skimming		<input checked="" type="checkbox"/>	Heavy equipment		<input type="checkbox"/>	Appropriate permits used	
<input checked="" type="checkbox"/>	Vac trucks		<input checked="" type="checkbox"/>	Sorbent pads				
<input checked="" type="checkbox"/>	Pumping		<input type="checkbox"/>	Patching				
Training								
<input checked="" type="checkbox"/>	Verified site workers trained per local/federal regulatory requirements			Training Requirements		HAZWOPER		
ICS 208 - Site Safety Plan				Prepared By Safety Officer, Updated 03/27/2019 17:30 UTC -6:00 PP				
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ICS 208 - Site Safety Plan				Version Name: Division D On Water Operations			
Incident Name: 2nd 80's Fire				Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]			
Organization							
<i>Position</i>		<i>Name</i>		<i>Telephone/Radio</i>		<i>Position</i>	
Incident Commander		Weber, Brent		(225) 806-5136		Operations Section Chief	
Safety Officer		Sterkel, Gary		281-384-9519			
Emergency Plan							
<input checked="" type="checkbox"/>	Fire Prevention Plan			<input checked="" type="checkbox"/>	Evacuation Plan		
<input checked="" type="checkbox"/>	Alarm System			<input checked="" type="checkbox"/>	First Aid Location		
Notifications							
<i>Facility</i>				<i>Phone</i>		<i>Facility</i>	
<input type="checkbox"/>	Hospital	Houston Healthcare Southeast		713-359-1440		<input checked="" type="checkbox"/>	Fire
<input checked="" type="checkbox"/>	Ambulance	Acadian Ambulance - In Staging Area		409-833-3800		<input checked="" type="checkbox"/>	Law Enforcement
<input checked="" type="checkbox"/>	Air Ambulance	Channelview FD		911		<input type="checkbox"/>	Emergency Response/Rescue
Initial Briefing							
<input checked="" type="checkbox"/>	Initial safety briefing prepared for each site						
Attachments/Appendices							
Attachment				Filename			
ICS208 SSP On Water Operations Branch 25MAR19				FormPDF.pdf			
ICS 208 - Site Safety Plan				Prepared By Safety Officer, Updated 03/27/2019 17:30 UTC -6:00 PP			
INCIDENT ACTION PLAN SOFTWARE™		Printed 03/28/2019 23:07 UTC -6:00		Page 82 of 105		© TRG	

ICS 208 - Site Safety Plan					Version Name: Division E				
Incident Name: 2nd 80's Fire					Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]				
Applies to Site:									
Site Characterization									
Water			Land			Weather			
Wave Height			Land Use			Air Temp			
Speed						Wind Speed			
Direction						Direction			
Site Hazards									
Yes	No	Hazards	Yes	No	Hazards	Yes	No	Hazards	
<input type="checkbox"/>	<input type="checkbox"/>	Boat Safety	<input type="checkbox"/>	<input type="checkbox"/>	Fire, Explosion, In-situ Burning	<input type="checkbox"/>	<input type="checkbox"/>	Pump Hose	
<input type="checkbox"/>	<input type="checkbox"/>	Chemical Hazards	<input type="checkbox"/>	<input type="checkbox"/>	Heat Stress	<input type="checkbox"/>	<input type="checkbox"/>	Slips, Trips, and Falls	
<input type="checkbox"/>	<input type="checkbox"/>	Cold Stress	<input type="checkbox"/>	<input type="checkbox"/>	Helicopter Operations	<input type="checkbox"/>	<input type="checkbox"/>	Steam and Hot Water	
<input type="checkbox"/>	<input type="checkbox"/>	Confined Spaces	<input type="checkbox"/>	<input type="checkbox"/>	Lifting	<input type="checkbox"/>	<input type="checkbox"/>	Trenching/Excavation	
<input type="checkbox"/>	<input type="checkbox"/>	Drum Handling	<input type="checkbox"/>	<input type="checkbox"/>	Motor Vehicles	<input type="checkbox"/>	<input type="checkbox"/>	UV Radiation	
<input type="checkbox"/>	<input type="checkbox"/>	Equipment Operations	<input type="checkbox"/>	<input type="checkbox"/>	Noise	<input type="checkbox"/>	<input type="checkbox"/>	Visibility	
<input type="checkbox"/>	<input type="checkbox"/>	Electrical Operations	<input type="checkbox"/>	<input type="checkbox"/>	Overhead/Buried Utilities	<input type="checkbox"/>	<input type="checkbox"/>	Weather	
<input type="checkbox"/>	<input type="checkbox"/>	Fatigue	<input type="checkbox"/>	<input type="checkbox"/>	Plants/Wildlife	<input type="checkbox"/>	<input type="checkbox"/>	Work Near Water	
Air Monitoring Limits									
Oxygen Level			Hydrogen Sulfide			Total Hydrocarbons			
LEL			Benzene						
Engineering Controls									
<input type="checkbox"/>	Source of release secured		<input type="checkbox"/>	Valve(s) closed		<input type="checkbox"/>	Energy sources locked/tagged out		
<input type="checkbox"/>	Site secured		<input type="checkbox"/>	Facility shut down					
Personal Protective Equipment Required									
<input type="checkbox"/>	Impervious suit		<input type="checkbox"/>	Flame resistant clothing		<input type="checkbox"/>	Eye protection		
<input type="checkbox"/>	Inner gloves		<input type="checkbox"/>	Hard hats		<input type="checkbox"/>	Personal flotation		
<input type="checkbox"/>	Outer gloves		<input type="checkbox"/>	Respirators		<input type="checkbox"/>	Boots		
Additional Control Measures Established									
<input type="checkbox"/>	Decontamination		<input type="checkbox"/>	Illumination		<input type="checkbox"/>	Additional stations established		
<input type="checkbox"/>	Sanitation		<input type="checkbox"/>	Medical surveillance		<input type="checkbox"/>	Facilities provided		
Work Plan									
<input type="checkbox"/>	Booming		<input type="checkbox"/>	Excavation		<input type="checkbox"/>	Hot work		
<input type="checkbox"/>	Skimming		<input type="checkbox"/>	Heavy equipment		<input type="checkbox"/>	Appropriate permits used		
<input type="checkbox"/>	Vac trucks		<input type="checkbox"/>	Sorbent pads					
<input type="checkbox"/>	Pumping		<input type="checkbox"/>	Patching					
Training									
<input type="checkbox"/>	Verified site workers trained per local/federal regulatory requirements				Training Requirements				
Organization									
<i>Position</i>	<i>Name</i>	<i>Telephone/Radio</i>	<i>Position</i>	<i>Name</i>	<i>Telephone/Radio</i>				
Incident Commander	Weber, Brent	(225) 806-5136	Water Operations Branch Supervisor	McLelland, Reid	281-838-7567				
ICS 208 - Site Safety Plan					Prepared By Safety Officer, Updated 03/26/2019 14:41 UTC -6:00 PP				
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ICS 208 - Site Safety Plan				Version Name: Division E	
Incident Name: 2nd 80's Fire				Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Safety Officer (Water Operations)	Larson, Alan	786-973-1225	Water Operations Branch Supervisor (USCG)	Tilimon, Matthew	832-256-3261
Operations Section Chief	Jacobson, Jeff	713-516-6916			
Emergency Plan					
<input type="checkbox"/> Fire Prevention Plan			<input type="checkbox"/> Evacuation Plan		
<input type="checkbox"/> Alarm System			<input type="checkbox"/> First Aid Location		
Notifications					
<i>Facility</i>		<i>Phone</i>	<i>Facility</i>		<i>Phone</i>
<input type="checkbox"/> Hospital			<input type="checkbox"/> Fire		
<input type="checkbox"/> Ambulance			<input type="checkbox"/> Law Enforcement		
<input type="checkbox"/> Air Ambulance			<input type="checkbox"/> Emergency Response/Rescue		
Initial Briefing					
<input type="checkbox"/>	Initial safety briefing prepared for each site				
ICS 208 - Site Safety Plan			Prepared By Safety Officer, Updated 03/26/2019 14:41 UTC -6:00 PP		
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Site Safety and Health Plan ICS-208-CG (rev 4/15)

Incident Name: 2nd 80's Fire

Date/Time Prepared: 3/28/19 **Operational Period:** 3/29/19

Purpose. The ICS Compatible Site Safety and Health Plan is designed for safety and health personnel that use the Incident Command System (ICS). It is compatible with ICS and is intended to meet the requirements of the Hazardous Waste Operations and Emergency Response regulation (Title 29, Code of Federal Regulations, Part 1910.120). The plan avoids the duplication found between many other site safety plans and certain ICS forms. It is also in a format familiar to users of ICS. Although primarily designed for oil and chemical spills, the plan can be used for all hazard situations. Changes: The only change to this form since 2006 is added Emergency Site Non-Hazardous Assessment form (SSP-A2).

Questions on the document should be addressed to the **Coast Guard Office of Contingency Preparedness and Exercise Policy (CG-CPE)**.


Table of Forms

FORM NAME	FORM #	USE	REQUIRED	OPTIONAL	ATTACHED
Emergency Safety and Response Plan	A	Emergency response phase (uncontrolled)	X		
Emergency Site Non-Hazardous Assessment Form	A2	Emergency response phase without Hazardous Materials present. Overall site assessment	X		
Site Safety Plan	B	Post-emergency phase (stabilized, cleanup)	X		
Site Map	C	Post-emergency phase map of site and hazards	X		
Emergency Response Plan	D	Part of Form B, to address emergencies	X		
Exposure Monitoring Plan	E	Exposure monitoring Plan to monitor exposure	X		
Air Monitoring Log	E-1	To log air monitoring data	X*		
Personal Protective Equipment	F	To document PPE equipment and procedures	X*		
Decontamination	G	To document decon equipment and procedures	X*		
Site Safety Enforcement Log	H	To use in enforcing safety on site		X	
Worker Acknowledgement Form	I	To document workers receiving briefings		X	
Form A Compliance Checklist	J	To assist in ensuring HAZWOPER compliance		X	
Form B Compliance Checklist	K	To assist in ensuring HAZWOPER compliance		X	
Drum Compliance Checklist	L	To assist in ensuring HAZWOPER compliance		X	
Other:					

* Required only if function or equipment is used during a response

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EMERGENCY SAFETY and RESPONSE PLAN		1. Incident Name 2 nd 80's Fire			2. Date/Time Prepared 3/27/19			3. Operational Period 3/29/19 0600			4. Attachments: Attach SDS for each Chemical: Py Gas, Naptha, Toluene					
5. <u>Organization</u> IC/UC: ITC/EPA/TCEQ/		Safety: MST1 Alan Larson (786)973-1225			Entry Team: N/A			Backup Team: N/A			Decon Team: MSTC Thomas Link (912)604-8890					
6.a. <u>Physical Hazards and Protection</u>		6.b. Confined Space <input checked="" type="checkbox"/> Noise <input checked="" type="checkbox"/> Heat Stress <input type="checkbox"/> Cold Stress <input type="checkbox"/> Electrical <input checked="" type="checkbox"/> Animal/Plant/Insect <input type="checkbox"/> Ergonomic <input type="checkbox"/> Ionizing Rad <input type="checkbox"/> Slips/Trips/Falls <input checked="" type="checkbox"/> Struck by <input checked="" type="checkbox"/> Water <input type="checkbox"/> Violence <input type="checkbox"/> Excavation <input type="checkbox"/> Biomedical waste and/or needles <input checked="" type="checkbox"/> Fatigue <input type="checkbox"/> Other (specify)														
6.c. Tasks & Controls		6d Entry Permit	6.e. Ventilate	6f. Hearing Protection	6g. Shoes (type)	6.h. Hard Hats	6i. Clothing (cold wx)	6j. Life Jacket	6l. Work/ Rest (hrs)	6.m. Fluids (amt/time)	6.n. Signs & Barricade	6.p. Fall Protect	6.q. Post Guards	6.r. Flash Protect	6.s. Work Gloves	6.t. Other
Small Boat operations		N/A	N/A	PRN	PRN	PRN	N/A	x	x	x	N/A	N/A	N/A	N/A	x	qualified operator & crew
Skimming operations		N/A	N/A	PRN	PRN	PRN	N/A	x	x	x	N/A	N/A	N/A	N/A	x	Ensure proper PPE
Transiting through high concentration areas		N/A	N/A	N/A	N/A	N/A	N/A	x	x	x	N/A	N/A	N/A	N/A	x	Ensure proper PPE
Sampling operations		N/A	N/A	N/A	N/A	N/A	N/A	PRN	PRN	x	N/A	N/A	N/A	N/A	x	Ensure proper PPE
7.a. Agent		7.b. Hazards			7.c. Target Organs				7.d. Exposure Routes		7.f. PPE		7.g. Type of PPE			
Pyrolysis Gasoline		Explosive <input type="checkbox"/>			Radioactive <input type="checkbox"/>			Eyes <input checked="" type="checkbox"/> Nose <input checked="" type="checkbox"/> Skin <input type="checkbox"/> Ears <input type="checkbox"/>		Inhalation <input checked="" type="checkbox"/>		Face Shield <input checked="" type="checkbox"/>		Full face respirator as needed		
Xylene		Flammable <input checked="" type="checkbox"/>			Carcinogen <input checked="" type="checkbox"/>			Central Nervous System <input checked="" type="checkbox"/>		Absorption <input type="checkbox"/>		Eyes <input checked="" type="checkbox"/>		PRN		
Naptha		Reactive <input type="checkbox"/>			Oxidizer <input type="checkbox"/>			Respiratory <input checked="" type="checkbox"/> Throat <input type="checkbox"/>		Ingestion <input checked="" type="checkbox"/>		Gloves <input checked="" type="checkbox"/>		Nitrile		
Gasoline blend		Biomedical <input type="checkbox"/>			Corrosive <input type="checkbox"/>			Lungs <input type="checkbox"/> Heart <input type="checkbox"/> Liver <input type="checkbox"/>		Injection <input type="checkbox"/>		Inner Suit <input type="checkbox"/>		NA		
Toluene		Toxic <input checked="" type="checkbox"/>			Specify Other: <input type="checkbox"/>			Kidney <input type="checkbox"/> Blood <input type="checkbox"/> Lungs <input type="checkbox"/>		Membrane <input type="checkbox"/>		Splash Suit <input checked="" type="checkbox"/>		Tyvek		
Yubase #4 & #6								Circulatory <input type="checkbox"/> Gastrointestinal <input type="checkbox"/>				Level A Suit <input type="checkbox"/>		NA		
								Bone <input type="checkbox"/> Other Specify: <input type="checkbox"/>				SCBA <input type="checkbox"/> APR <input checked="" type="checkbox"/>		Organic vapor cartridges with 8 hour capability		
												SAR <input type="checkbox"/>		NA		
												Cartridges <input checked="" type="checkbox"/>		Hepa cartridges		
												Fire Resistance <input type="checkbox"/>		NA		
8. Instruments:		8.a. Action Levels	8.b. Chemical Name(s):		8.c. LEL/UEL %	8.d. Odor Thresh Ppm	8.e. Ceiling/ IDLH	8.f. STEL/TLV	8.g. Flash Pt/ Ignition Pt (F or C)	8.h. Vapor Pressure (mm)	8.i. Vapor Density	8.j. Specific Gravity	8.l. Boiling Pt F or C			
O2 <input checked="" type="checkbox"/>		19.5 – 23.5	Benzene		LEL 1.2% UEL 7.8%	2.5ppm	300ppm	2.5ppm for 15 minutes	12 F	28	2.7	0.87	176			
CGI <input checked="" type="checkbox"/>		>10% LEL														
Radiation <input type="checkbox"/>		NA														
Total HCs <input checked="" type="checkbox"/>		TBD														
Colorimetric <input checked="" type="checkbox"/>		NA														
Thermal <input type="checkbox"/>		NA														
Benzene <input checked="" type="checkbox"/>		0.5ppm														

EMERGENCY SAFETY and RESPONSE PLAN (Cont)	1. Incident Name <u>2nd 80's Fire</u>	2. Date/Time Prepared 3/27/19	3. Operational Period 3/29/19	4. Attachments: Attach SDS for each Chemical: Py Gas, Naptha, Toluene
9. Decontamination: Instrument Drop Off <input checked="" type="checkbox"/> Outer Boots/Glove Removal <input checked="" type="checkbox"/> Suit/Gloves/Boot Disposal <input checked="" type="checkbox"/>	Suit Wash <input type="checkbox"/> Decon Agent: Water <input type="checkbox"/> Other <input type="checkbox"/> Specify:	Bottle Exchange <input type="checkbox"/> Outer Suit Removal <input checked="" type="checkbox"/> Inner Suit Removal <input type="checkbox"/> SCBA/Mask Removal <input type="checkbox"/>	SCBA/Mask Rinse <input checked="" type="checkbox"/> Inner Glove Removal <input checked="" type="checkbox"/> Work Clothes Removal <input checked="" type="checkbox"/> Body Shower <input type="checkbox"/>	Intervening Steps <input type="checkbox"/> Specify:
10. <u>Site Map</u> . Include: Work Zones, Locations of Hazards, Security Perimeter, Places of Refuge, Decontamination Line, Evacuation Routes, Assembly Point, Direction of North <input checked="" type="checkbox"/> Attached, <input type="checkbox"/> Drawn Below:				
				
11.a. <u>Potential Emergencies:</u> Fire <input checked="" type="checkbox"/> Explosion <input type="checkbox"/> Over exposure to Benzene <input checked="" type="checkbox"/>	11.b. Evacuation Alarms: Horn <input type="checkbox"/> # Blasts <input type="checkbox"/> Bells <input type="checkbox"/> #Rings <input type="checkbox"/> Radio Code <input type="checkbox"/> Other:	11.c Emergency Prevention and Evacuation Procedures: APR equired at 0.5ppm benzene, cartridge change required every 4 hours, supplied air required for areas where levels are 25ppm and greater.		
12. a. <u>Communications:</u> Radio <input type="checkbox"/> Phone <input checked="" type="checkbox"/> Other <input type="checkbox"/>	12.b. Command #: (713)208-5583	12.c. Tactical #: N/A	12.d. Entry #: N/A	
13.a. <u>Site Security:</u> Local Sheriffs office	13.b. Procedures: N/A		13.c. Equipment: Police cruiser	
14.a. <u>Emergency Medical:</u> Personnel Assigned Acadian Ambulance (409)833-3800	14.b. Procedures: Small injuries can be treated at staging area by ambulance. Ambulance will transport injured personell to nearby hospital for injuries beyond first aid.		14.c Equipment: 2 paramedics and stocked ambulance.	
15. <u>Prepared by:</u> MST1 Alan Larson	16. <u>Date/Time Briefed:</u> 3/29/19		ICS-208-CG SSP-A Page 2 (rev 4/15): Page <u>2</u> of 9	

EMERGENCY SAFETY AND RESPONSE PLAN (ICS-208-CG SSP-A)

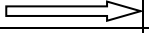
Purpose: The Emergency Safety and Response Plan provides the Safety Officer and ICS personnel a plan for safeguarding personnel during the initial emergency phase of the response. *It is only used during the emergency phase of the response, which is defined as a situation involving an uncontrolled release.* It is also intended to meet the requirements of the Hazardous Waste Operations and Emergency Response (HAZWOPER) regulation, Title 29 Code of Federal Regulations Part 1910.120.

Preparation: The Safety Officer or his/her designated staff starts the Emergency Site Safety and Response Plan. They initially address the hazards common to all operations involved in the response (initial site characterization). Outside support organizations must be contacted to ensure the plan is consistent with other plans (local, state, other federal plans). Form ICS-208-CG SSP-G need not be completed if this form is used. When the operation proceeds into the post-emergency phase (site stabilized and cleanup operations begun) forms ICS-208-CG SSP-B and ICS-208-CG SSP-G should be used. For large incidents, the Emergency Site Safety and Response Plan complements the Incident Action Plan. For smaller incidents, the Emergency Site Safety and Response Plan complements ICS-201.

Distribution: The Emergency Safety and Response Plan completed by the Safety Officer is forwarded to the Planning Section Chief. Copies are made and attached to the ICS 204 Assignment List(s). The Operations Section Chief, Directors, Supervisors or Leaders get a copy of the plan. They must ensure it is available on site for all personnel to review. The Safety Officer is responsible for ensuring that the Emergency Site Safety and Response Plan properly addresses the hazards of the operation. The Safety Officer accomplishes this through on site enforcement and feedback to the operational units.

Instructions:

Item #	Item Title	Instructions
1	Incident Name	Print the name assigned to the incident.
2	Date/Time Prepared	Enter date (month, day, year) prepared.
3	Operational Period	Enter the time interval for which the assignment applies.
4	Attachments	Enter attachments. Material Safety Data Sheets are mandatory under 1910.120. Safe Work Practices may also be attached.
5	Organization	List the personnel responsible for these positions. IC and Safety Officer are mandatory.
6	Physical Hazards & Protection	Check off the physical hazards at the site. Identify the major tasks involved in the response (skimming, lightering, overpacking, etc.). Check off the controls that would be used to safeguard workers from the physical hazards for each major task.
7	Chemical/Agent	List the chemicals involved in the response. Chemicals may be listed numerically. Check off the hazards, potential health effects, pathway of dispersion, and exposure route of the chemical. Numbers corresponding to the chemical may be entered into the check blocks to differentiate. Check off the PPE to be used. Identify the type of PPE selected (for example: gloves: butyl rubber).
8	Instruments	Indicate the instruments being used for monitoring. List the action levels adjacent to the instruments being used. Identify the chemicals being monitored (2). List the physical parameters of the chemicals. Use a separate form for additional chemicals monitored.

CG ICS SITE SAFETY PLAN (SSP) HAZARD IDENTIFICATION/ EVAL/CONTROL		1. Incident Name <u>2nd 80's Fire</u>	2. Date/Time Prepared 3/27/19	3. Operational Period 3/29/19	4. Safety Officer (include method of contact): MST1 Alan Larson (786)973-1225
5. Supervisor/Leader CWO Mat Tilmon: (832)256-3261	6. Location and Size of Site Deer Park TX, aproximately 06 square miles of Houston Ship Channel impacted.	7. Site Accessibility Land <input checked="" type="checkbox"/> Water <input checked="" type="checkbox"/> Air <input type="checkbox"/> Comments: Staging area access prefered	8. For Emergencies Contact: Safety: (786)973-1225 Ambulance: (409)833-3800 Comand post: (225)806-5136	9. Attachments: Attach MSDS for each Chemical OR CG 213RR for Ordering items from Block 10.e. Py Gas, Naptha, Toluene	
10.a. Job Task/Activity	10.b. Hazards* 	10.c. Potential Injury & Health Effects	10.d. Exposure Routes	10.e. <u>Controls:</u> Engineering, Administrative, PPE	
Small boat operations	Exposure to Benzene, collision, grounding, slips, trips, falls.	Chemical exposure, drowning, cuts, broken bones.	Inhalation <input checked="" type="checkbox"/> Absorption <input type="checkbox"/> Ingestion <input checked="" type="checkbox"/> Injection <input type="checkbox"/> Membrane <input type="checkbox"/>	Qualified boat crew, life vests, air monitoring, Air Purifying Resprerators, administrative action levels for donning PPE.	
Skimming operations	Exposure to Benzene, slips, trips, falls.	Chemical exposure, muscular sprains and strains.	Inhalation <input checked="" type="checkbox"/> Absorption <input type="checkbox"/> Ingestion <input checked="" type="checkbox"/> Injection <input type="checkbox"/> Membrane <input type="checkbox"/>	Air monitoring, Air Purifying Resprerators, administrative action levels for donning PPE.	
Transiting through high concentration areas	Exposure to Benzene	Chemical exposure.	Inhalation <input checked="" type="checkbox"/> Absorption <input type="checkbox"/> Ingestion <input type="checkbox"/> Injection <input type="checkbox"/> Membrane <input type="checkbox"/>	Air monitoring, Air Purifying Resprerators, administrative action levels for donning PPE.	
Sampling operations	Exposure to Benzene, slips, trips, falls, local wildlife.	Chemical exposure, muscular sprains and strains, bites from aggressive wildlife.	Inhalation <input checked="" type="checkbox"/> Absorption <input type="checkbox"/> Ingestion <input type="checkbox"/> Injection <input type="checkbox"/> Membrane <input type="checkbox"/>	Air monitoring, administrative action levels for egressing area.	
Decontamintion	Exposure to Benzene, high pressure hot water cleaners in use, noise, slips, trips, falls.	Chemical exposure, muscular sprains and strains.	Inhalation <input checked="" type="checkbox"/> Absorption <input type="checkbox"/> Ingestion <input checked="" type="checkbox"/> Injection <input type="checkbox"/> Membrane <input type="checkbox"/>	Air monitoring, administrative action levels for egressing area, gloves, splash protection, PFD's.	
11. Prepared By: MST1 Alan Larson	12. Date/Time Briefed: 3/29/19	* HAZARD LIST: Physical/Safety, Toxic, Explosion/Fire, Oxygen Deficiency, Ionizing Radiation, Biological, Biomedical, Electrical, Heat Stress, Cold Stress, Ergonomic, Noise, Cancer, Dermatitis, Drowning, Fatigue, Vehicle, & Diving			ICS-208-CG SSP-B (rev 4/15): Page 3 of 9

SITE SAFETY PLAN (FORM ICS-208-CG SSP-B)

Purpose: The Site Safety Plan provides the Safety Officer and ICS personnel a plan for safeguarding personnel during the post-emergency phase of an incident. The post-emergency phase is when the situation is stabilized and cleanup operations have begun. ICS-208-CG SSP-B is intended to meet the requirements of the Hazardous Waste Operations and Emergency Response (HAZWOPER) regulation, Title 29 Code of Federal Regulations Part 1910.120.

Preparation: The Safety Officer or his/her designated staff starts the Site Safety Plan. They initially address the hazards common to all operations involved in the response (initial site characterization). The plan is then reproduced and as a minimum sent to ICS Group/Division Supervisors. They amend it according to unique job or on-scene hazards with support from the Safety Officer and/or his/her staff (detailed site characterization). The plan is continuously updated to address changing conditions. During the first hours of the response, where most response functions are in the emergency phase, the Safety Officer may choose to use the Emergency Safety and Response Plan (ICS-208-CG SSP-A) in place of the Site Safety Plan. For large incidents, ICS-208-CG SSP-B compliments the Incident Action Plan (IAP). For smaller incidents, ICS-208-CG SSP-B compliments ICS Form 201. The Safety Officer is encouraged to use the HAZWOPER Compliance Checklist (Form ICS-208-CG SSP-K) to ensure the IAP and the 201 address the requirements and all other pertinent ICS forms (203, 205, 206, etc.) are completed.

Distribution: The initial Site Safety Plan completed by the Safety Officer is forwarded to the Planning Section Chief. Copies are made and attached to the Assignment List(s) (ICS Form 204). The Operations Section Chief, Directors, Supervisors or Leaders get a copy and make on site amendments specific to their operation. They must also ensure it is available on site for all personnel to review. The Safety Officer provides personnel from his/her staff to assist in the detailed site characterization. The Safety Officer is responsible for ensuring that the Site Safety Plan for each assignment properly addresses the hazards of the assignment. The Safety Officer must ensure that the safety plans on site are consistent. The Safety Officer accomplishes this through on site enforcement and feedback to the operational units.

Instructions:

Item #	Item Title	Instructions
1	Incident Name	Print the name assigned to the incident.
2	Date/Time Prepared	Enter date (month, day, year) prepared.
3	Operational Period	Enter the time interval for which the assignment applies.
4	Safety Officer	Enter the name of the Safety Officer and means of contact.
5	Group/Division Supv Strike Team/TF Leader	The Supervisor/Leader who receives this form will enter their name here.
6	Location & size of site	Enter the geographical location of the site and the approximate square area.
7	Site Accessibility	Check the block(s) if the site is accessible by land, water, air, etc.
8	For Emergencies Contact	Enter the name and way to contact the individual who handles emergencies.
9	Attachments	Enter attachments. Material Safety Data Sheets are mandatory under 1910.120. Safe Work Practices may also be attached.
10	Job/Task Activity	Enter Job/Task & Activities, list hazards, list potential injury and health effects, check exposure routes and identify controls. If more detail is needed for controls, provided attachments.
11	Prepared by	Enter the name and position of the person completing the worksheet.
12	Date/Time Briefed:	Enter the date/time the document was briefed to the appropriate workers and by whom.

CG ICS SSP: SITE MAP	1. Incident Name 2 nd 80's Fire		2. Date/Time Prepared 3/27/19	3. Operational Period 3/29/19	4. Safety Officer (include method of contact) : MST1 Alan Larson (786)973-1225
5. Supervisor/Leader CWO Mat Tilmon: (832)256-3261		6. Location and Size of Site Deer Park TX, approximately 06 square miles of Houston Ship Channel impacted.	7. Site Accessibility Land <input checked="" type="checkbox"/> Water <input checked="" type="checkbox"/> Air <input type="checkbox"/> Comments: Staging area access preferred	8. For Emergencies Contact: Safety: (786)973-1225 Ambulance: (409)833-3800 Comand post: (225)806-5136	9. <u>Include</u> : <div> <div>- Work Zones</div> <div>- Security Perimeter</div> <div>- Decontamination Line Routes</div> </div> <div> <div>- Locations of Hazards</div> <div>- Places of Refuge</div> <div>- Evacuation</div> </div>

10. Sketch of Site:

☒ Attached. ☐ Drawn Here



11. Prepared By:
MST1 Alan Larson

12. Date/Time
Briefed:
3/29/19

HAZARD LIST: Physical/Safety, Toxic, Explosion/Fire, Oxygen Deficiency, Ionizing Radiation, Biological, Biomedical, Electrical, Heat Stress, Cold Stress, Ergonomic, Noise, Cancer, Dermatitis, Drowning, Fatigue, Vehicle, & Diving

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SITE MAP FOR SITE SAFETY PLAN (ICS-208-CG SSP-C)

Purpose: The Site Map for the Site Safety Plan is required by Title 29 Code of Federal Regulations Part 1910.120. It provides in 1 place a visual description of the site which can help ICS personnel locate hazards, identify evacuation routes and places of refuge.

Preparation: The Site Map for the Site Safety Plan can be completed by the Safety Officer, his/her staff or by ICS field personnel (Group Supervisors, Task Force/Strike Team Leaders) working at a site with unique and specific hazards. One or several maps may be developed, depending on the size of the incident and the uniqueness of the hazards. The key is to ensure that the workers using the map(s) can clearly identify the work zones, locations of hazards, evacuation routes and places of refuge.

Distribution: This form must be located with the Site Safety Plan (ICS-208-CG SSP-B). It therefore follows the same distribution route.

Instructions:

Item #	Item Title	Instructions
1	Incident Name	Print the name assigned to the incident.
2	Date/Time Prepared	Enter date (month, day, year) prepared.
3	Operational Period	Enter the time interval for which the assignment applies.
4	Safety Officer	Enter the name of the Safety Officer and means of contact.
5	Supervisor/Leader	The Supervisor/Leader who receives this form will enter their name here.
6	Location & size of site	Enter the geographical location of the site and the approximate square area.
7	Site Accessibility	Check the block(s) if the site is accessible by land, water, air, etc.
8	For Emergencies Contact	Enter the name and way to contact the individual who handles emergencies.
9	Include	Ensure the map includes the listed items provided in this block.
10	Sketch of Site	Sketch of site for work. May attach map or chart.
10	Prepared by	Enter the name and position of the person completing the worksheet.
11	Date/Time Briefed:	Enter the date/time the document was briefed to the appropriate workers and by whom.

CG ICS SSP: EMERGENCY RESPONSE PLAN		1. Incident Name 2 nd 80's Fire	2. Date/Time Prepared 3/27/19	3. Operational Period 3/29/19	4. Safety Officer (include method of contact): MST1 Alan Larson (786)973-1225
5. Supervisor/Leader CWO Mat Tilmon: (832)256-3261	6. Location and Size of Site Deer Park TX, aproximately 06 square miles of Houston Ship Channel impacted.	7. For Emergencies Contact: Safety: (786)973-1225 Ambulance: (409)833-3800 Comand post: (225)806-5136			8. Attachments: INCLUDE ICS FORM 206 and EMT Medical Response Procedures
9. Emergency Alarm (sound and location) N/A	10. Backup Alarm (sound and location) N/A	11. Emergency Hand Signals Wave hands or shirt over head (international distress signal)	12. Emergency Personal Protective Equipment Required: Air Purifying Resperator with 8 hour Hepa cartridges. Gloves, Boots, PFD's, Tyvek outer suit.		
13. Emergency Notification Procedures		14. Places of Refuge (also see site map form 208B)	15. Emergency Decon and Evacuation Steps		16. Site Security Measures
Notify your direct supervisor of all injuries. If injury is beyond basic first aid imidiatley notify Safety Officer and Unified Command. An ambulance is availible at the staging area 24/7 and will take care of or transport injured personnel. Ambulance: (409)833-3800 Comand post: (225)806-5136 Safety: (786)973-1225		Staging area on Launch road.	Per DECON plan.		Site entry is manned by local sheriff 24/7, if any suspicious activity is observed by on scene responders they can imidiatly notify the sheriff.
17. Prepared By: MST1 Alan Larson	18. Date/Time Briefed: 3/29/19	HAZARD LIST: Physical/Safety, Toxic, Explosion/Fire, Oxygen Deficiency, Ionizing Radiation, Biological, Biomedical, Electrical, Heat Stress, Cold Stress, Ergonomic, Noise, Cancer, Dermatitis, Drowning, Fatigue, Vehicle, & Diving			ICS-208-CG SSP-D (rev 4/15) Page <u>5</u> of 9

EMERGENCY RESPONSE PLAN (ICS-208-CG SSP-D)

Purpose: The Emergency Response Plan provides information on measures to be taken in the event of an emergency. It is used in conjunction with the Site Safety Plan (Form ICS-208-CG SSP-B). It is also required by Title 29 Code of Federal Regulations Part 1910.120.

Preparation: The Safety Officer, his/her staff member or the Site Supervisor/Leader prepares the Emergency Response Plan. A copy of the Medical Plan (ICS Form 206) must always be attached to this form.

Distribution: This form must be located with Site Safety Plan (ICS-208-CG SSP-B). It therefore follows the same distribution route.

Instructions:

Item #	Item Title	Instructions
1	Incident Name	Print the name assigned to the incident.
2	Date/Time Prepared	Enter date (month, day, year) prepared.
3	Operational Period	Enter the time interval for which the assignment applies.
4	Safety Officer	Enter the name of the Safety Officer and means of contact.
5	Supervisor/Leader	The Supervisor/Leader who receives this form will enter their name here.
6	Location & size of site	Enter the geographical location of the site and the approximate square area.
7	For Emergencies Contact	Enter the name and way to contact the individual who handles emergencies.
8	Attachments	Enter attachments. ICS Form 206 must be included.
9	Emergency Alarm	Enter a description of the sound of the emergency alarm and it's location.
10	Backup Alarm	Enter a description of the sound of the emergency alarm and it's location.
11	Emergency Hand Signals	Enter the emergency hand signals to be used.
12	Emergency Personal Protective Equipment Required	Enter the emergency personal protective equipment that may be needed in the event of an emergency.
13	Emergency Notification Procedures	Enter the procedures for notifying the appropriate personnel and organizations in the event of an emergency.
14	Places of Refuge	Enter by name the place of refuge personnel can go to in the event of an emergency.
15	Emergency Decon & Evacuation Steps	Enter emergency decontamination steps and evacuation procedures.
16	Site Security Measures	Enter site security measures needed for emergencies.
17	Prepared by	Enter the name and position of the person completing the worksheet.
18	Date/Time Briefed:	Enter the date/time the document was briefed to the appropriate workers and by whom.

CG ICS SSP: AIR MONITORING LOG	1. Incident Name 2 nd 80's Fire	2. Date/Time Prepared: 3/27/19	3. Operational Period 3/29/19	4. Safety Officer (include method of contact) MST1 Alan Larson (786)973-1225	
5. Site Location Deer Park TX	6. Hazards of Concern Benzene	7. Action Levels (include references): 0.5ppm = APR 25ppm = Supplied air		8. <u>Weather:</u> Air Temperature: Water Temp: Precipitation: Wind: Relative Humidity: Cloud Cover:	
9.a. Instrument, ID Number Calibrated? Indicate below.	9.b. Monitoring Person Name(s)	9.c. Results (units)	9.d. Location	9.f. Time	9.g. Interferences and Comments
Follow air monitoring plan in place developed by CTEH					
10. Safety Officer Review: MST1 Alan Larson (786)973-1225		<u>Potential Health Effects:</u> Bruise/Lacerations, Organ Damage, Central Nervous System Effects, Cancer, Reproductive Damage, Low Back Pain, Temporary Hearing Loss, Dermatitis, Respiratory Effects, Bone Breaks, & Eye Burning			ICS-208-CG SSP-E-1 (rev 4/15): Page <u>6</u> of <u>9</u>

DAILY AIR MONITORING LOG (FORM ICS-208-CG SSP-E-1)

Purpose: The Exposure Monitoring Log provides documentation of air monitoring conducted during a spill. The log is a supplement to the Site Safety Plan (ICS-208-CG SSP-B). It is only required when performing air monitoring operations. The information used from the log can help update the Site Safety Plan.

Preparation: Persons conducting monitoring complete the Daily Air Monitoring Log. Normally these are air monitoring units under the Site Safety Officer. If there is a decision not to monitor during a spill, the reasons must be stated clearly in the Site Safety Plan (ICS-208-CG SSP-B).

Distribution: The Daily Air Monitoring Log when completed is copied and forwarded to the Site Safety Officer who must review and sign the form. The original form must be available on site, readily available and briefed to all impacted ICS personnel.

Instructions:

Item #	Item Title	Instructions
1	Incident Name	Print the name assigned to the incident.
2	Date/Time Prepared	Enter date (month, day, year) prepared.
3	Operational Period	Enter the time interval for which the assignment applies.
4	Safety Officer	Enter the name of the Safety Officer and means of contact.
5	Location & size of site	Enter the geographical location of the site and the approximate square area.
6	Hazards of Concern	Enter the hazards being monitored.
7	Action Levels	Enter the action levels/readings for the monitoring teams.
8	Weather	Enter weather information. Ensure units of measure are listed.
9	Air Monitoring Data	Enter the instrument type and number, persons monitoring, results with appropriate units, location of reading, time of reading and interferences and comments.
10	Safety Officer Review	The Safety Officer must review and sign the form.

CG ICS SSP: PERSONAL PROTECTIVE EQUIPMENT		1. Incident Name 2 nd 80's Fire		2. Date/Time Prepared 3/27/19		3. Operational Period 3/29/19		4. Safety Officer (include method of contact): MST1 Alan Larson (786)973-1225	
5. Supervisor/Leader CWO Mat Tilmon: (832)256-3261		6. Location and Size of Site Deer Park TX, aproximately 06 square miles of Houston Ship Channel impacted.		7. Hazards Addressed: Chemical exposure (Benzene) Oil and foam slury		8. For Emergencies Contact: Safety: (786)973-1225 Ambulance: (409)833-3800 Comand post: (225)806-5136			
9. Equipment:		PFD						10. References Consulted:	
Tyvek outer suit									
gloves									
Boots									
Resperator									
Safety Glasses									
11. Inspection Procedures: Disposal of contaminated PPE is at OMI's barge dock or via poly bag at stagin area. Ensure no contaminated PPE leaves the staging area. All PPE to be disposed of in approved recepticals.		12. Donning Procedures: Per organizations SOP		13. Doffing Procedures: Per organizations SOP		14. Limitations and Precautions (include maximum stay time in PPE): Cartridges are to be replaced every 4 hours and at end of work day. Supplied air is to be utilized if over 25ppm is observed.			
15. Prepared By: MST1 Alan Larson		16. Date/Time Briefed: 3/29/19		Potential Health Effects: Bruise/Lacerations, Organ Damage, Central Nervous System Effects, Cancer, Reproductive Damage, Low Back Pain, Temporary Hearing Loss, Dermatitis, Respiratory Effects, Bone Breaks, Eye Burning			ICS-208-CG SSP-F: (Rev 4/15) Page 7 of 9		

PERSONAL PROTECTIVE EQUIPMENT (ICS-208-CG SSP-F)

Purpose: The Personal Protective Equipment form is a list of personal protective equipment to be used in operations. The listing of personal protective equipment is required by Title 29 Code of Federal Regulations Part 1910.120.

Preparation: The Personal Protective Equipment form is completed by the Site Safety Officer, or his/her staff. Personal protective equipment common to all ICS Operations personnel is addressed first. Jobs with unique personal protective equipment requirements (fall protection) are addressed next. When the form is delivered on site, the ICS Director, Supervisor, or Leader may amend the list to ensure personnel are adequately protected from job hazards. It must be completed prior to the onset of any operations, unless addressed elsewhere by Standard Operating Procedures.

Distribution: This form must be located with Site Safety Plan (ICS-208-CG SSP-B). It therefore follows the same distribution route.

Instructions:

Item #	Item Title	Instructions
1	Incident Name	Print the name assigned to the incident.
2	Date/Time Prepared	Enter date (month, day, year) prepared.
3	Operational Period	Enter the time interval for which the assignment applies.
4	Safety Officer	Enter the name of the Safety Officer and means of contact.
5	Supervisor/Leader	The Supervisor/Leader who receives this form will enter their name here.
6	Location & size of site	Enter the geographical location of the site and the approximate square area.
7	Hazard(s) Addressed:	Enter the hazards that need to be safeguarded.
8	For Emergencies Contact	Enter the name and way to contact the individual who handles emergencies.
9	Equipment	List the equipment needed to address the hazards. If pre-designed Safe Work Practices are used, indicate here and attach to form.
10	References consulted	List the references used in making the selection for PPE.
11	Inspection Procedures	Enter the procedures for inspecting the Personal Protective Equipment prior to donning. If pre-designed Safe Work Practices are used, indicate here and attach to form.
12	Donning Procedures	Enter the procedures for putting on the PPE. If pre-designed Safe Work Practices are used, indicate here and attach to form.
13	Doffing Procedures	Enter the information for removing the PPE. If pre-designed Safe Work Practices are used, indicate here and attach to form.
14	Limitations and Precautions	List the limitations and precautions when using PPE. Include the maximum time to be inside the PPE, Heat Stress concerns, psychomotor skill detracting and other factors.
15	Prepared by	Enter the name and position of the person completing the worksheet.
16	Date/Time Briefed:	Enter the date/time the document was briefed to the appropriate workers and by whom.

CG ICS SSP: DECONTAMINATION		1. Incident Name 2 nd 80's Fire	2. Date/Time Prepared 3/27/19	3. Operational Period 3/29/19	4. Safety Officer (include method of contact): MST1 Alan Larson (786)973-1225
5. Supervisor/Leader CWO Mat Tilmon: (832)256-3261	6. Location and Size of Site Deer Park TX, aproximately 06 square miles of Houston Ship Channel impacted.	7. For Emergencies Contact: Safety: (786)973-1225 Ambulance: (409)833-3800 Comand post: (225)806-5136		8. Hazard(s) Addressed: Chemical exposure (Benzene) Oil and foam slury	
9. Equipment: Follow DECON Plan.				10. References Consulted:	
11. Contamination Avoidance Practices: Avoid eating and drinking while wearing contaminated garments.	12. Decon Diagram: <input type="checkbox"/> Attached, <input type="checkbox"/> Drawn below DECON is to take place at the Launch Road staging area. Follow DECON Plan.			13. Decon Steps If PPE has failed, utilize DECON procedureds and transport person to ambulance on stand by for transport to emergency medical care.	
14. Prepared By: MST1 Alan Larson (786)987-1225	15. Date/Time Briefed: 3/29/19	Potential Health Effects: Bruise/Lacerations, Organ Damage, Central Nervous System Effects, Cancer, Reproductive Damage, Low Back Pain, Temporary Hearing Loss, Dermatitis, Respiratory Effects, Bone Breaks, Eye Burning			ICS-208-CG SSP-G (rev 4/15): Page 8 of 9

DECONTAMINATION (ICS-208-CG SSP-G)

Purpose: The Decontamination form provides information on how workers can avoid contamination and how to get decontaminated. It is a supplemental form to the Site Safety Plan.

Preparation: The Decontamination Form can be completed by the Site Safety Officer, a member of his/her staff or by the Group/Division Supervisor, Task Force/Strike Team Leader on the site

Distribution: This form must be located with Site Safety Plan (ICS-208-CG SSP-B). It therefore follows the same distribution route.

Instructions:

Item #	Item Title	Instructions
1	Incident Name	Print the name assigned to the incident.
2	Date/Time Prepared	Enter date (month, day, year) prepared.
3	Operational Period	Enter the time interval for which the assignment applies.
4	Safety Officer	Enter the name of the Safety Officer and means of contact.
5	Supervisor/Leader	The Supervisor/Leader who receives this form will enter their name here.
6	Location & size of site	Enter the geographical location of the site and the approximate square area.
7	For Emergencies Contact	Enter the name and way to contact the individual who handles emergencies.
8	Hazard(s) Addressed:	Enter the hazards that need to be safeguarded.
9	Equipment	Enter the decontamination equipment needed for the site. If pre-designed Safe Work Practices are used, indicate here and attach to this form.
10	References consulted	List the references used in making the selection for PPE.
11	Contamination Avoidance Practices	Enter procedures for personnel to avoid contamination. If pre-designed Safe Work Practices are used, indicate here and attach to form.
12	Decon Diagram	Draw a diagram for the decontamination operation. If pre-designed Safe Work Practices are used, indicate here and attach to form.
13	Decon Steps	List the decontamination steps.
14	Prepared by	Enter the name and position of the person completing the worksheet.
15	Date/Time Briefed:	Enter the date/time the document was briefed to the appropriate workers and by whom.

WORKER ACKNOWLEDGEMENT FORM (ICS-208-CG SSP-I)

Purpose: The Worker Acknowledgement form is used to document workers who have received safety briefings.

Preparation: Those personnel responsible for conducting safety briefings complete this form initially. Once the briefings are completed, workers who were briefed print their name, sign, date and indicate the time of the briefing.

Distribution: This form is returned to the Safety Officer or designated representative at the end of each operational period.

Instructions:

Item #	Item Title	Instructions
1	Incident Name	Print the name assigned to the incident.
2	Site Location	Indicate the location where the briefings are held.
3	Attachments	Indicate any attachments used as part of the briefings.
4	Type of briefing	Check the block next to the type of briefing.
5	Presented by	Enter the name of the person conducting the briefing.
6	Date Presented	Enter the date of the briefing.
7	Time Presented	Enter the time of the briefing.
8	Worker Name, Signature, Date and Time	Workers receiving the briefing print their name, sign, date and enter the time they acknowledge the briefing.